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Guaranteed for Life – GigaTwo – The BetterBox® Structured Cabling System

BetterBox® is committed to offer you the most up to date premise wiring and Infrastructure solutions. Whatever your Network needs are we have it! Data, Voice or KVM information or a combination of the three, we can help you design and install a solution that not only covers your immediate needs but also will allow your Cabling System to accept your Network growth as your requirements for expansion and speed change. All Structured Cabling Systems designed and installed by us is guaranteed for Life – Pure Peace of Mind for you and your Company.

Another important bonus of using BetterBox® design and installation services is that any equipment bought from BetterBox® at the time of the cabling installation and for use with the Cabling System installed by our BICSI qualified Installers receives extra discounts of up to 30% (depending on the product) and are also covered by our LifeTime Guarantee –

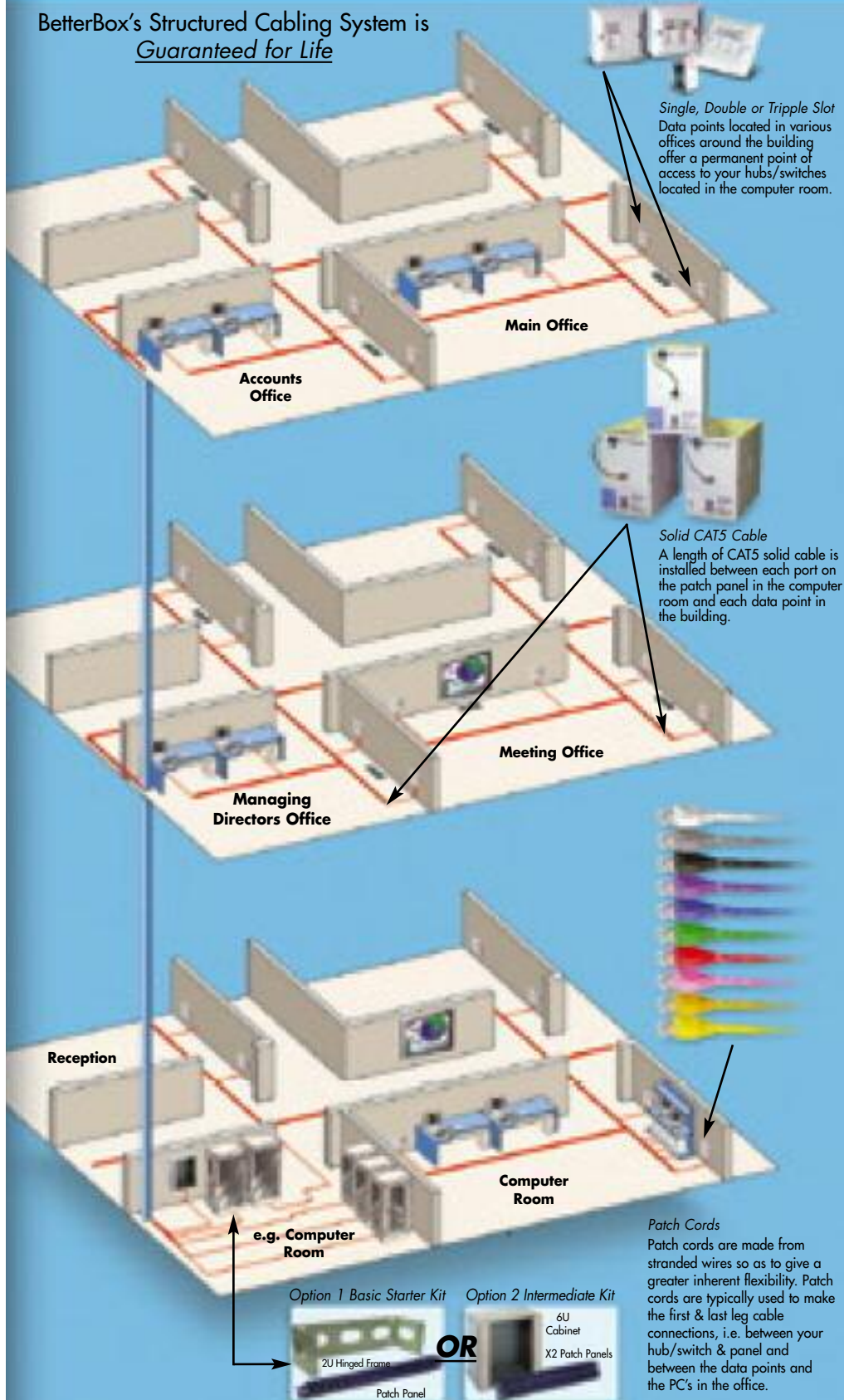
You simply can't go wrong!

For CAT5 Cable See Page 42

For Tool Kits See Page 267

For Tools See Page 272

BetterBox's Structured Cabling System is Guaranteed for Life



Single, Double or Tripple Slot Data points located in various offices around the building offer a permanent point of access to your hubs/switches located in the computer room.

Solid CAT5 Cable A length of CAT5 solid cable is installed between each port on the patch panel in the computer room and each data point in the building.

Patch Cords Patch cords are made from stranded wires so as to give a greater inherent flexibility. Patch cords are typically used to make the first & last leg cable connections, i.e. between your hub/switch & panel and between the data points and the PC's in the office.

Premise Wiring, Patch Panels & Cabinets



PREMISE WIRING, CABINETS & PATCH PANELS

Accessories

Fan Trays

Order Code	Description	Price
G-FTRKM-2	2 Way Rack Mounted Fan Tray	£62.00
G-FTRKM-4	3 Way Rack Mounted Fan Tray	£70.00
G-FTRFM-2	2 Way Roof Mounted Fan Tray	£62.00
G-FTRFM-3	3 Way Roof Mounted Fan Tray	£70.00
G-FTRFM-4	4 Way Roof Mounted Fan Tray	£75.00
G-FTRFM-6	6 Way Roof Mounted Fan Tray	£95.00

Miscellaneous

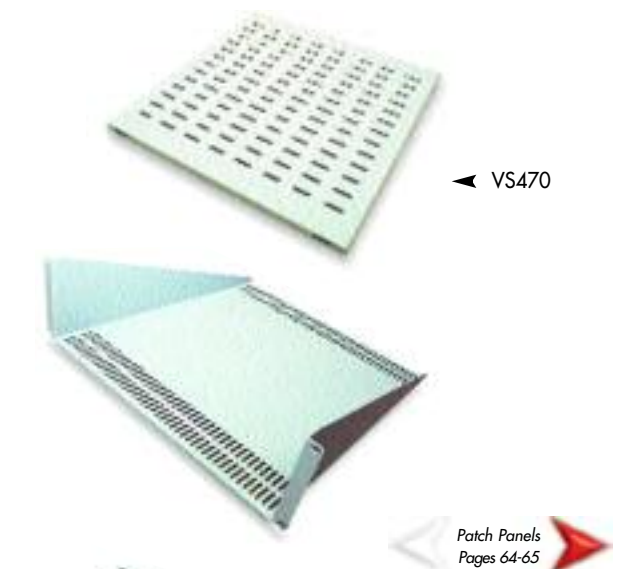
Order Code	Description	Price
G-BRK001	2 Free & 2 Braked Castors	£26.50
G-LVFT01	Levelling Feet (4)	£21.50
G-PCG001	93 x 41mm Flexible cable guides (price each)	£2.40
G-HCG001	19" x 1U Horizontal GRP cable guide	£19.95
G-HL1150	19" x 1U Hook & Loop cable guide	£19.95
G-KYBS001	Rackmount sliding shelf for narrow keyboard	£69.95
G-KYBS001-KB	Narrow Keyboard to fit above	£32.00
G-EK001	Earthing Kit	£8.25
G-CGNUT-QF	Pack of 50 Quick Fit Nuts	£12.00
G-CGNUT50	Pack of 50 Cage Nuts	£8.99
G-CGWASH50	Pack of 50 Finishing washers	£2.95
G-CGSCR50	Pack of 50 M6 Screws	£3.95
G-CGTOOL	Cage Nut Tool	£6.95
G-RCKNTSC	NEW Easy fit snap-in cage nut & screw pack of 50	£12.95
G-B5-1	Brush Strip 1U Per Piece	£15.45
G-B5-2	Brush Strip 2U Per Piece	£18.75
G-NUT550	Cage/Bolts (per 50) Bag of 50	£6.45
G-NUT5100	Cage Nuts/Bolts (per 100) Bag of 100	£12.45
G-CMR4-1	Cable Management 4Ring 1U 4 Rings	£5.45
G-JR4-4	Profile Rings 40 X 40	£1.95
G-JR7-7	Jumper Rings 70 X 70	£3.50
G-BK	Baying Kit	£8.50
G-EBK	Earth Bonding Kit	£3.95
G-FT	Set of Jacking Feet X 4	£9.45
G-CASTORS	Heavy Duty Castors 2 Lockable 2 free wheel	£32.50

Shelving

Order Code	Description	Depth (mm)	Price
G-FS350	Fixed Vented Shelf	350mm	£10.00
G-FS450	Fixed Vented Shelf	450mm	£12.50
G-FS570	Fixed Vented Shelf	570mm	£15.45
G-FS620	Fixed Vented Shelf	620mm	£16.95
G-FS670	Fixed Vented Shelf	670mm	£18.50
G-FS720	Fixed Vented Shelf	720mm	£21.75
G-FS350 HD	Fixed Vented Shelf	Heavy Duty	£16.95
G-FS450 HD	Fixed Vented Shelf	Heavy Duty	£20.00
G-FS570 HD	Fixed Vented Shelf	Heavy Duty	£23.25
G-FS620 HD	Fixed Vented Shelf	Heavy Duty	£26.25
G-FS720 HD	Fixed Vented Shelf	Heavy Duty	£29.45
G-TS450	Telescopic Shelf	450mm	£61.75
G-TS570	Telescopic Shelf	570mm	£69.75
G-TS620	Telescopic Shelf	620mm	£77.95
G-TS670	Telescopic Shelf	670mm	£84.75
G-TS720	Telescopic Shelf	720mm	£92.50
G-FMS-1	Front Mounted Shelf 1U	200mm	£20.00
G-FMS-2	Front Mounted Shelf 2U	300mm	£22.00
G-FMS-3	Front Mounted Shelf 3U	500mm	£23.50

Cabinet Power Distribution

Order Code	Description	Price
G-PDU4WH	4 Way Horizontal	£39.50
G-PDU5WH	5 Way Horizontal	£40.00
G-PDU6WH	6 Way Horizontal	£45.00
G-PDU4WV	4 Way Vertical	£35.00
G-PDU5WV	5 Way Vertical	£40.00
G-PDU6WV	6 Way Vertical	£45.00
G-PDU8WV	8 Way Vertical	£50.00
G-PDU10WV	10 Way Vertical	£52.50
G-PDU12WV	12 Way Vertical	£55.00



Order Line: 01908 560200

Technical Help: 01908 561400

19" Networking Cabinets

Networking Cabinet Delivery Options
Option1 - Standard Delivery Service, £25.00, 3-4 days*
Option2 - Guaranteed Next Day, call for pricing*
Option3 - Delivery Plus, call for pricing*
We will deliver your cabinet, unpack it, site it where required and dispose of any packaging material.
Option4 - Premier Delivery, call for pricing*
We will deliver your cabinet, unpack it, site it where required and dispose of any packaging material. Then we will install any shelves, fan trays and other cabinet accessories for you.

ALSO AVAILABLE IN FLATPACK



The above images demonstrate the potential of a cabinet system. Each 19" cabinet includes; side panels; front & rear door; vented roof; roof panel & 19" profiles. Cabinets come pre-built as standard - flat packed can be supplied on request.

Each 19" Cabinet System Includes;
Frame, 2 x Side Panels, Rear Door, Frame, glazed front door, Vented Roof Panel, 2 pairs of 19" Equipment Mounting Profiles.



12U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB1266	12U	600mm	600mm	£295.00
G-CAB1268	12U	600mm	800mm	£310.00



15U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB1566	15U Cabinet	600	600	£300.00
G-CAB1568	15U Cabinet	600	800	£325.00
G-CAB1586	15U Cabinet	800	600	£340.00
G-CAB1588	15U Cabinet	800	800	£355.00



18U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB1866	18U Cabinet	600	600	£310.00
G-CAB1868	18U Cabinet	600	800	£325.00
G-CAB1886	18U Cabinet	800	600	£345.00
G-CAB1888	18U Cabinet	800	800	£365.00



21U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB2166	21U Cabinet	600	600	£345.00
G-CAB2168	21U Cabinet	600	800	£355.00
G-CAB2186	21U Cabinet	800	600	£365.00
G-CAB2188	21U Cabinet	800	800	£375.00

19" Networking Cabinets

Each 19" Cabinet System Includes; Frame, 2 x Side Panels, Rear Door, Frame, glazed front door, Vented Roof Panel, 2 pairs of 19" Equipment Mounting Profiles.

ALSO AVAILABLE IN FLATPACK



24U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB2466	24U Cabinet	600	600	£325.00
G-CAB2468	24U Cabinet	600	800	£345.00
G-CAB2486	24U Cabinet	800	600	£355.00
G-CAB2488	24U Cabinet	800	800	£360.00



27U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB2766	27U Cabinet	600	600	£395.00
G-CAB2768	27U Cabinet	600	800	£410.00
G-CAB2786	27U Cabinet	800	600	£445.00
G-CAB2788	27U Cabinet	800	800	£475.00



33U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB3366	33U Cabinet	600	600	£425.00
G-CAB3368	33U Cabinet	600	800	£435.00
G-CAB3386	33U Cabinet	800	600	£465.00
G-CAB3388	33U Cabinet	800	800	£495.00



36U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB3666	36U Cabinet	600	600	£445.00
G-CAB3668	36U Cabinet	600	800	£445.00
G-CAB3686	36U Cabinet	800	600	£495.00
G-CAB3688	36U Cabinet	800	800	£520.00



39U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB3966	39U Cabinet	600	600	£460.00
G-CAB3968	39U Cabinet	600	800	£470.00
G-CAB3986	39U Cabinet	800	600	£520.00
G-CAB3988	39U Cabinet	800	800	£535.00



42U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB4266	42U Cabinet	600	600	£470.00
G-CAB4268	42U Cabinet	600	800	£480.00
G-CAB4286	42U Cabinet	800	600	£535.00
G-CAB4288	42U Cabinet	800	800	£545.00



45U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB4566	45U Cabinet	600	600	£495.00
G-CAB4568	45U Cabinet	600	800	£520.00
G-CAB4586	45U Cabinet	800	600	£545.00
G-CAB4588	45U Cabinet	800	800	£545.00



47U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB4766	47U Cabinet	600	600	£515.00
G-CAB4768	47U Cabinet	600	800	£530.00
G-CAB4786	47U Cabinet	800	600	£565.00
G-CAB4788	47U Cabinet	800	800	£585.00

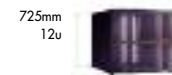


Server Racks

Each Server Rack includes BLACK MESH FRONT & BACK DOORS, 2 x Side Panels, Vented Roof Panel, 3 pairs of 19" Equipment mounting profiles.



9U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB9610-SER	9U Server	600	1000	£412.00
G-CAB9810-SER	9U Server	800	1000	£491.00
G-CAB9612-SER	9U Server	600	1200	£648.00
G-CAB9812-SER	9U Server	800	1200	£692.00



12U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB12610-SER	12U Server	600	1000	£425.00
G-CAB12810-SER	12U Server	800	1000	£511.00
G-CAB12612-SER	12U Server	600	1200	£660.00
G-CAB12812-SER	12U Server	800	1200	£706.00



15U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB15610-SER	15U Server	600	1000	£438.00
G-CAB15810-SER	15U Server	800	1000	£523.00
G-CAB15612-SER	15U Server	600	1200	£674.00
G-CAB15812-SER	15U Server	800	1200	£720.00



18U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB18610-SER	18U Server	600	1000	£485.00
G-CAB18810-SER	18U Server	800	1000	£549.00
G-CAB18612-SER	18U Server	600	1200	£686.00
G-CAB18812-SER	18U Server	800	1200	£758.00



21U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB21610-SER	21U Server	600	1000	£523.00
G-CAB21810-SER	21U Server	800	1000	£555.00
G-CAB21612-SER	21U Server	600	1200	£700.00
G-CAB21812-SER	21U Server	800	1200	£877.00



24U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB24610-SER	24U Server	600	1000	£517.00
G-CAB24810-SER	24U Server	800	1000	£569.00
G-CAB24612-SER	24U Server	600	1200	£712.00
G-CAB24812-SER	24U Server	800	1200	£889.00



27U Server Rack				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB27610-SER	27U Server	600	1000	£529.00
G-CAB27612-SER	27U Server	600	1200	£726.00
G-CAB27810-SER	27U Server	800	1000	£582.00
G-CAB27812-SER	27U Server	800	1200	£903.00



30U Server Rack				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB30610-SER	30U Server	600	1000	£549.00
G-CAB30810-SER	30U Server	800	1000	£628.00
G-CAB30612-SER	30U Server	600	1200	£738.00
G-CAB30812-SER	30U Server	800	1200	£915.00



33U Server Rack				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB33610-SER	33U Server	600	1000	£563.00
G-CAB33810-SER	33U Server	800	1000	£668.00
G-CAB33612-SER	33U Server	600	1200	£752.00
G-CAB33812-SER	33U Server	800	1200	£929.00



Server Racks

Each Server Rack includes BLACK MESH FRONT & BACK DOORS, 2 x Side Panels, Vented Roof Panel, 3 pairs of 19" Equipment mounting profiles.



36U Server Rack				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB36610-SER	36U Server	600	1000	£575.00
G-CAB36810-SER	36U Server	800	1000	£674.00
G-CAB36612-SER	36U Server	600	1200	£765.00
G-CAB36812-SER	36U Server	800	1200	£942.00



39U Server Rack				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB39610-SER	39U Server	600	1000	£589.00
G-CAB39810-SER	39U Server	800	1000	£680.00
G-CAB39612-SER	39U Server	600	1200	£791.00
G-CAB39812-SER	39U Server	800	1200	£968.00



42U Server Rack				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB42610-SER	42U Server	600	1000	£563.00
G-CAB42810-SER	42U Server	800	1000	£706.00
G-CAB42612-SER	42U Server	600	1200	£817.00
G-CAB42812-SER	42U Server	800	1200	£994.00



45U Server Rack				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB45610-SER	45U Server	600	1000	£628.00
G-CAB45810-SER	45U Server	800	1000	£720.00
G-CAB45612-SER	45U Server	600	1200	£843.00
G-CAB45812-SER	45U Server	800	1200	£1,020.00



47U Server Rack				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB47610-SER	47U Server	600	1000	£668.00
G-CAB47810-SER	47U Server	800	1000	£758.00
G-CAB47612-SER	47U Server	600	1200	£869.00
G-CAB47812-SER	47U Server	800	1200	£1,046.00

Acoustic Racks

19", Front: Steel - Rear: Steel - Acoustic Foamed Front/Rear/Roof, CR4 Steel - Lockable / Removeable Panels.

- BetterBox Acoustic Racks offer 95% + noise reduction.
- Shipped on twin-wheeled heavy duty castors.
- Powder coated black as standard
- Unique IP54 Air inlet
- Suits all 19" rack mount equipment

- 4 x Adjustable mounting profiles
- 4 Quiet fan unit for 9U TO 24U Racks
- 6 Quiet fan unit for racks of 27U & above
- Thermal Dissipation Up To 3KW
- Bespoke options available - such as extra fans for increased thermal dissipation.



9U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB968-AR	9U Server	600	800	£992.00
G-CAB9610-AR	9U Server	600	1000	£1,070.00
G-CAB988-AR	9U Server	800	800	£1,219.00
G-CAB9810-AR	9U Server	800	1000	£1,299.00



12U Cabinets				
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB1268-AR	12U Server	600	800	£1,048.00
G-CAB12610-AR	12U Server	600	1000	£1,280.00
G-CAB1288-AR	12U Server	800	800	£1,275.00
G-CAB12810-AR	12U Server	800	1000	£1,355.00

Acoustic Racks

19", Front: Steel - Rear: Steel - Acoustic Foam Front/Rear/Roof, CR4 Steel - Lockable / Removeable Panels.



15U Cabinets

Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB1568-AR	15U Server	600	800	£968.00
G-CAB15610-AR	15U Server	600	1000	£1,139.00
G-CAB1588-AR	15U Server	800	800	£1,425.00
G-CAB15810-AR	15U Server	800	1000	£1,559.00

18U Cabinets

Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB1868-AR	18U Server	600	800	£1,224.00
G-CAB18610-AR	18U Server	600	1000	£1,320.00
G-CAB1888-AR	18U Server	800	800	£1,559.00
G-CAB18810-AR	18U Server	800	1000	£1,660.00

24U Cabinets

Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB2468-AR	24U Server	600	800	£1,320.00
G-CAB24610-AR	24U Server	600	1000	£1,585.00
G-CAB2488-AR	24U Server	800	800	£1,660.00
G-CAB24810-AR	24U Server	800	1000	£1,925.00

27U Cabinets

Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB2768-AR	27U Server	600	800	£1,420.00
G-CAB27610-AR	27U Server	600	1000	£1,848.00
G-CAB2788-AR	27U Server	800	800	£1,808.00
G-CAB27810-AR	27U Server	800	1000	£2,244.00

36U Cabinets

Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB3668-AR	36U Server	600	800	£1,644.00
G-CAB36610-AR	36U Server	600	1000	£1,940.00
G-CAB3688-AR	36U Server	800	800	£2,099.00
G-CAB36810-AR	36U Server	800	1000	£2,392.00

42U Cabinets

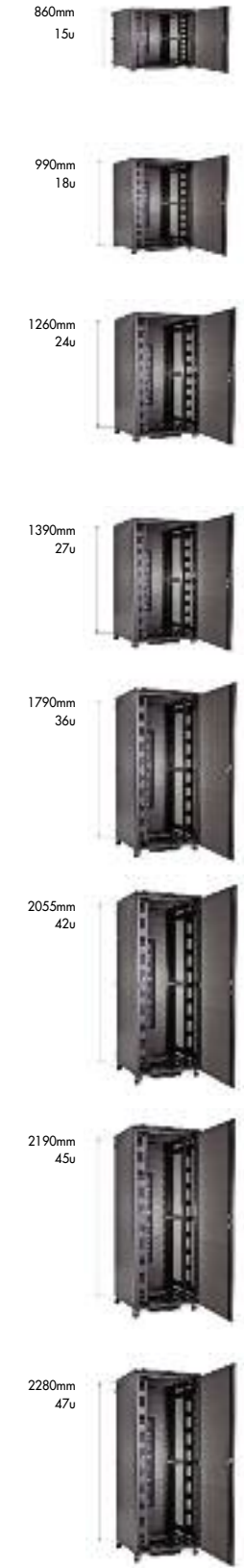
Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB4268-AR	42U Server	600	800	£1,815.00
G-CAB42610-AR	42U Server	600	1000	£2,099.00
G-CAB4288-AR	42U Server	800	800	£2,265.00
G-CAB42810-AR	42U Server	800	1000	£2,550.00

45U Cabinets

Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB4568-AR	45U Server	600	800	£2,040.00
G-CAB45610-AR	45U Server	600	1000	£2,210.00
G-CAB4588-AR	45U Server	800	800	£2,550.00
G-CAB45810-AR	45U Server	800	1000	£2,779.00

47U Cabinets

Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
G-CAB4768-AR	47U Server	600	800	£2,265.00
G-CAB47610-AR	47U Server	600	1000	£2,430.00
G-CAB4788-AR	47U Server	800	800	£2,779.00
G-CAB47810-AR	47U Server	800	1000	£2,999.00



Wall Mounted Enclosures with Swing Frame

Description

Our new swing frame wall mounted enclosures combine the lightweight, flexible design of the standard fixed series shown above with the added advantage of a 19" swing frame. This greatly reduces installation and maintenance time.



Removable side panels for easy access

FEATURES

- Sides and top panels are removable for quick and easy installation
- Aesthetically pleasing framed lockable glass door with red plastic trim

Order Code	Accessories	Price
G-CS279	19" x 279mm 3U Cantilever Tray	£11.95
G-CS406	19" x 406mm 3U Cantilever Tray	£13.95
G-CS470	19" x 470mm 3U Cantilever Tray	£14.50
G-RCKNTSC	Easy fit snap-in cage nut & screw pack of 50	£17.95
G-SR10014	4 Way Mains Extension Lead	£14.95
G-XT401	4 Way IEC Lead Extension Lead)	£29.00

Order Code	Cabinet Description	Price
G-WMCAB7500S	7u 500mm deep, swing frame	£199.00
G-WMCAB9500S	9u 500mm deep, swing frame	£219.00
G-WMCAB12500S	12u 500mm deep, swing frame	£239.00
G-WMCAB15500S	15u 500mm deep, swing frame	£259.00
G-WMCAB21500S	21u 500mm deep, swing frame	£309.00

Rawl plugs or screws not included.

LOW COST Wall Mounted Cabinet

Description

BetterBox's® new line of low cost wall mounted cabinets are designed and built with high quality materials and processes. These units are available in various sizes and are quick and easy to install. Suitable for Networking applications where floor space is limited, this low cost series of cabinets represent excellent value with a multitude of proven reliable features and combine smart appearance with a sturdy construction.

Construction:

- Rugged, seam welded steel structure for strength and rigidity
- Supplied fully assembled ready to use
- Steel framed door with large bronze tinted window
- Door can be hinged either left or right
- Vented slots in front – top and bottom as well as both sides
- Access holes are provided top and bottom – complete with gland plates
- Textured tough powder coat paint Finnish

Order Code	Internal Height (U)	Width (mm)	Depth (mm)	Price
6U CABINETS				
G-WM6640LC	6U Cabinet	600	400	£85.00
G-WM6645LC	6U Cabinet	600	450	£100.00
G-WM6650LC	6U Cabinet	600	500	£100.00
G-WM6655LC	6U Cabinet	600	550	£105.00
9U CABINETS				
G-WM9640LC	9U Cabinet	600	400	£96.00
G-WM9645LC	9U Cabinet	600	450	£104.00
G-WM9650LC	9U Cabinet	600	500	£106.50
G-WM9655LC	9U Cabinet	600	550	£110.00
12U CABINETS				
G-WM12640LC	12U Cabinet	600	400	£110.00
G-WM12645LC	12U Cabinet	600	450	£116.75
G-WM12650LC	12U Cabinet	600	500	£124.50
G-WM12655LC	12U Cabinet	600	550	£134.50
15U CABINETS				
G-WM15640LC	15U Cabinet	600	400	£133.50
G-WM15645LC	15U Cabinet	600	450	£142.00
G-WM15650LC	15U Cabinet	600	500	£142.00
G-WM15655LC	15U Cabinet	600	550	£148.75
18U CABINETS				
G-WM18640LC	18U Cabinet	600	400	£189.00
G-WM18645LC	18U Cabinet	600	450	£199.00
G-WM18650LC	18U Cabinet	600	500	£201.00
G-WM18655LC	18U Cabinet	600	550	£211.00
21U CABINETS				
G-WM21640LC	21U Cabinet	600	400	£191.00
G-WM21645LC	21U Cabinet	600	450	£211.00
G-WM21650LC	21U Cabinet	600	500	£225.00
G-WM21655LC	21U Cabinet	600	550	£245.00



Wall Mount Frames

Description

This compact wall mounted frame is ideal for cabling installations with a small number of points. Any number of units can be fixed together and the optional cover plate can be fixed top or bottom. The following order codes refer to beige products.

Order Code	Description	Price
G-WMF2150	2u hinged wall mount frame 150mm deep	£28.95
G-WMF3150	3u hinged wall mount frame 150mm deep	£30.95
G-WMF4150	4u hinged wall mount frame 150mm deep	£33.95
G-WMF6150	6u hinged wall mount frame 150mm deep	£39.95
G-ULB01	Universal lid	£9.95
G-ULB02	Universal base	£9.95



Hinged frame allows easy access to rear

FEATURES

- Compact low profile design
- Hinged frame allows rear access
- Available in black or beige, please specify.

Cable Management Bars

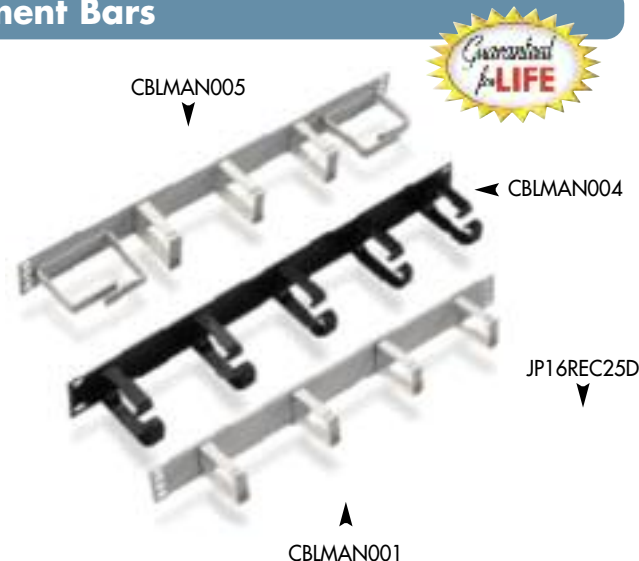
Description

A wide range of 19" cable management bars, available in black or beige with plastic or metal hoops.

Order Code	Description	Price
G-CBLMAN001	1u Beige Bar, 4 vertical metal hoops	£12.95
G-CBLMAN002	1u Black Bar, 4 vertical metal hoops	£12.95
G-CBLMAN003	1u Beige Bar, 5 vertical plastic hoops	£9.95
G-CBLMAN004	1u Black Bar, 5 vertical plastic hoops	£9.95
G-CBLMAN005	1u Beige Bar, 3 vertical, 2 horizontal metal	£23.95
G-CBLMAN006	1u Black Bar, 3 vertical, 2 horizontal metal	£23.95
G-CBLMAN007	2u Beige Bar, 4 vertical metal hoops	£32.95
G-CBLMAN009	2u Black Bar, 4 vertical metal hoops	£32.95
G-HL1150	19" Hook & Loop Management Panel	£19.95

FEATURES

- Metal or Plastic management hoops
- 1u & 2u Options
- Choice of finish (Black or Beige)



Save Money By Making Space in Your Racks

Description

Free up space in your racks and cabinets by using this new space-making device. It requires no rack space to manage your cables, using existing screws on the patch panel or electronics, you simply back off the screws and slide the spacemaker in, then re-tighten the screws. The cables are supported to the front of the patch panel or electronic equipment and maintain a minimum bend radius.

They can be mounted against each other above or below with a fastening system to keep them in place. This ensures cables are not over-pinched leading to potential signal loss or degradation.

The device is attached by a series of mounting tabs matching the hole pattern on the rack. You are then able to have custom installations from 24 up to 96 ports (96 ports are available when mounted back to back).

Order Code	Description	Price
G-03CBM00140	Spacemaker	£38.95

Price does not include Patch Panel.



Loaded & Unloaded Junction Patch Panels

Customisation service available on this range

Description

The BetterBox® junction panels are ideally suited to those areas where your cables congregate. These panels are available to accept all standard interface connectors on the market, such as, all of the D type family, coaxial. This feature gives you an endless number of possibilities to tidy your cable areas. All our junction panels are designed to fit standard 19" rack cabinets and with an optional wall box they can be fitted directly to the wall.

Our customised panel building service can design and build panels to your specification or can design a solution to fit your requirements. As well as customised units we can also supply standard off-the shelf fully loaded panels with standard configurations.

FEATURES (UNLOADED)

- Allows for easy connectability
- Available to fit most types of connector from D type through to coaxial.
- Organises all your cables into tidy systems
- Easy to install
- Wall mount adapters are 57mm deep

FEATURES (LOADED)

- Allows for easy connectability
- Customised to your specification
- Organises all your cables into tidy systems
- Easy to install



Order Code	Description	Height	Colour	Price
Unloaded Panels				
G-JP16R9D	16 position 9 way D type	1U	Silver (for Black add £5.00)	£19.00
G-JP16R15D	16 position 15 way D type	1U	Black	£29.00
G-JP16R15D-2U	16 position 15 way D type	2U	Silver (for Black add £5.00)	£19.00
G-JP16R25D	16 position 25 way D type	2U	Silver (for Black add £5.00)	£19.00
G-JP16RCXM	16 position coaxial	1U	Silver (for Black add £5.00)	£19.00
G-JP32R9D	32 position 9 way D type	3U	Silver (for Black add £5.00)	£19.00
G-JP32R15D	32 position 15 way D type	3U	Silver (for Black add £5.00)	£28.00
G-JP32R25D	32 position 25 way D type	3U	Silver (for Black add £5.00)	£28.00
G-JP32RCXM	32 position coaxial	2U	Silver (for Black add £5.00)	£19.00
Loaded Panels				
G-JP16RCXM75	16 position 75Ω Coaxial			£55.00
G-JP32RCXM75	32 position 75Ω Coaxial			£75.00

Blanking Plates & Letterbox Panels

Order Code	Description	Price
G-BLNK001	1u Beige Blanking Plate	£4.95
G-BLNK001B	1u Black Blanking Plate	£4.95
G-BLNK002	2u Beige Blanking Plate	£5.45
G-BLNK002B	2u Black Blanking Plate	£5.45
G-BLNK003	3u Beige Blanking Plate	£5.95
G-BLNK003B	3u Black Blanking Plate	£5.95
G-BLNK005	5u Beige Blanking Plate	£8.45
G-BLNK005B	5u Black Blanking Plate	£8.45
G-CBLBPL008	1u Beige Letterbox Panel	£8.95
G-CBLBPL009	1u Black Letterbox Panel	£8.95
G-BRSHSTRP-1U	1u Letterbox Brush Strip (Beige)	£10.00



We have manufactured many different types of 19" rack mount panels as well as made to measure panels for our customers over the years. The choices are endless ranging from a simple 1U rack with all slots the same, up to a large panel with multiple different slots for different connectors.

A very popular option for panels is the recessed option providing space between the front door of the cabinet and cables.

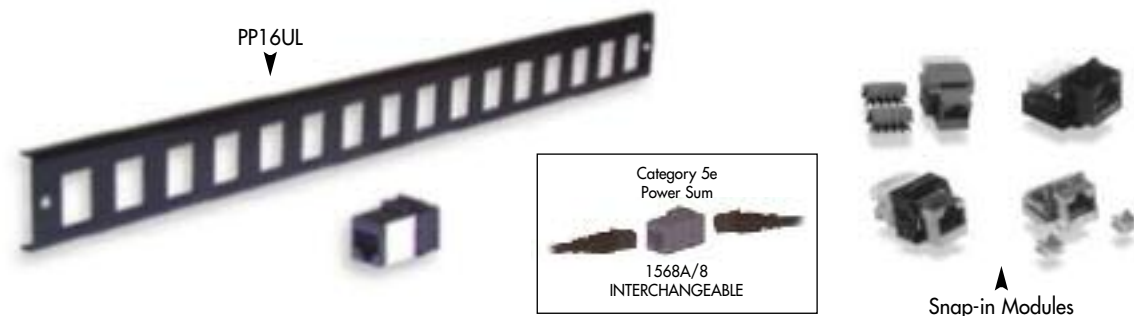


High Quality CAT-5e Patch Panels

Use these patch panels to keep your network cables organised.



Order Code	Description	Number of Ports	Height	Colour	Price
<i>RJ45 UTP to IDC</i>					
G-PP1645IDC	CAT-5e Fully Loaded Patch Panel	16	1U	Black	£39.00
G-PP2445IDC	CAT-5e Fully Loaded Patch Panel	24	1U	Black	£54.00
G-PP3245IDC	CAT-5e Fully Loaded Patch Panel	32	2U	Black	£75.00
G-PP4845IDC	CAT-5e Fully Loaded Patch Panel	48	2U	Black	£105.00
G-PP7245IDC	CAT-5e Fully Loaded Patch Panel	72	3U	Black	£165.00
G-PP9645IDC	CAT-5e Fully Loaded Patch Panel	96	4U	Black	£215.00



<i>RJ45 Panels</i>					
G-PP16UL	Unloaded Patch Panel	16	1U	Black	£18.50
G-PP24UL	Unloaded Patch Panel	24	1U	Black	£19.50
G-SM4545	CAT-5e RJ45 UTP - RJ45 UTP <i>RJ45 (Snap-in Modules)</i>				£1.95
G-SM5455	CAT-5e only RJ45 STP - RJ45 STP <i>(Snap-in Modules)</i>				£3.25



<i>RJ45 UTP to RJ45 UTP</i>					
G-PP1645UTP	CAT-5e Fully Loaded Patch Panel	16	1U	Black	£59.00
G-PP2445UTP	CAT-5e Fully Loaded Patch Panel	24	1U	Black	£75.00
G-PP4845UTP	CAT-5e Fully Loaded Patch Panel	48	2U	Black	£119.00



CAT-6 UTP Patch Panels

Description

BetterBox's® Category 6 Patch Panels provide the performance and resilience necessary for present and future Data Communications Networks applications including Gigabit Ethernet. The use of latest Technology components and specially designed PC boards allows a bandwidth of at least 250Mhz to be achieved. BetterBox's® CAT-6 Patch Panels are available in normal or high-density options and with up to 48 ports per panel from stock (up to 96 ports to special order). These panels consist of Industry Standard IDC connections and high performance RJ-45 jacks. Specially designed individual saddle labels facilitate installation and enhance cable management. The rear of these panels feature hook and loop cable retainers at either end for bundling cables, making them very popular with installer. Cable management can be further enhanced by the use of optional cable trays. Each RJ-45 port is numbered with a removable ID label protected by an acetate strip.

FEATURES

- Unique colour coded saddles for quick and accurate installation
- Accepts cable tidy rings
- Individually QA tested
- Guaranteed for Life

Order Code	Description	Price
G-PP600116	Normal density CAT-6, 16-way UTP, 1U	£49.00
G-PP600232	Normal density CAT-6, 32-way UTP, 2U	£98.00
G-PP600348	Normal density CAT-6, 48-way UTP, 3U	£147.00
G-PP600424	High density CAT-6, 24-way UTP, 1U	£49.00
G-PP600548	High density CAT-6, 48-way UTP, 2U	£98.00
G-CTR0004	Cable tidy - Pack of 4 standard	£2.95
G-CTR0020	Cable tidy - Pack of 20 standard	£14.50
G-CTR00L4	Cable tidy - Pack of 4 large	£4.50
G-CTR0L20	Cable tidy - Pack of 20 large	£22.95



PP600116



PP600424

SPECIFICATIONS

- Finish: Black powder coat to BS6496
- Sockets: TYCO unshielded jacks
- Conforms to: TIA/EIA CAT-6 specifications

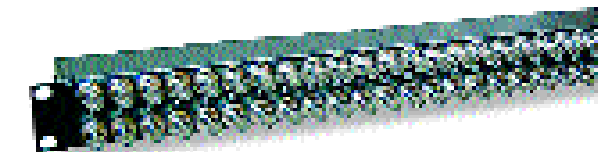
Type 43 Balun Panel

Description

Available with BNC, 1.6/5.6 (Small Siemens) or Type43 (BT) coaxial connectors. The G.703 Modular Dual Path Balun Panel matches the impedance and signal characteristics of up to 24 dual 75Ω coax connectors (24 x E1 Circuits) with up to 24 RJ45 twisted pair connections. The Panel Housing assembly fits in a single 1U 19" Rack, alternative mounting ears are available for 23" racks. The 19" mounting ears are reversible, allowing either the Coax or the RJ45 connections, to be viewed as the front. The panels modular construction allows you add up to 24 separate G.703 Balun Modules in a 1U 19" rack mountable chassis or they can be purchased in the fully populated format shown above. This modular approach provides cost effective solutions, with a proven growth path.

SPECIFICATIONS

- 75Ω Connections: Dual BNC (Male or Female), 1.6/5.6 or Type 43
- 120Ω Connections: Shielded RJ45 Transmission Line
- Speed: CCITT G.703 or G.704 (transparent) 2.048Mbit/s (E1) and 8.448Mbit/s (E2)
- Cross Talk: Better than -50dB at 1 to 10Mhz
- Insertion Loss: Less than 0.35dB
- Return Loss: Better than 18dB
- Dimensions: 482 W x 50 D x 44.5 mm H (19" x 2" x 1.74")
- Wiring Scheme: 1 - Tx Tip, 2 - Tx Ring, 4 - Rx Tip, 5 - Rx Ring
- Materials: Case - Zintec, Black Powder Coated
- Operating Temperature: 0° to 50 °C



Order Code	Description	Price
G-BLKPP3201	16 x E1 Type43 to RJ45 / RJ48 Balun Panel	£359.00
G-BLKPP32F01	16 x E1 Type43 to RJ45 / RJ48 Front Mount Balun Panel	£359.00
G-BLKPP4801	48 x E1 HDC43 to RJ45 / RJ48C Balun Panel	£1,298.00
G-BLKPP2101	42 Port, 21 E1 Circuits, Type43	£499.00
G-BLKPP4801KT	48 x E1 HDC43 to KATT Balun Panel	£1,298.00
G-BLK703BA-BT43	Dual Type43 to RJ45 Balun Adaptor	£21.69
G-BLKBBK01PFO	Type43 Krone Balun. Male Bulkhead Float Mount Krone	£9.79
G-BLKBML01PFX	Type43 Mini Balun. Male Bulkhead Fixed Mount Coax to twisted pair	£9.79
G-BLKBML01PFO	Type43 Mini Balun. Male Bulkhead Float Mount Coax to twisted pair	£9.79
G-BLKBML01SPL	Type43 Mini Balun. Female Posi-lock Coax to twisted pair	£9.79
G-BLKBMLH1PFO	Type43 Mini Balun. HDC Male Bulkhead Float Mount Coax to twisted pair	£9.79

CAT5e Tamperproof Outlets

Description
These high-density Enhanced Category 5 Outlets restrict the user's access to the patch lead. This eliminates one of the most common causes of network problems and will give the Network Administrator one thing less to worry about. These are extremely quick and easy to install. Just attach the base plate to the wall, snap in the PCB, punch down the cables and install the cover. Designed for direct wall mounting with top entry Mini Trunking, an optional spacer plate allows for side cable entry. In addition, they fit over standard back boxes to provide maximum mounting flexibility.

Order Code	Description	Price
G-WP002F-VTP	2 port Tamper Proof	£8.95
G-WP004F-VTP	4 port Tamper Proof	£9.95
G-WPESP	Entry Spacer Plate	£1.35



CAT5e Vertical Outlets

Description
This Vertical Wall Outlet offers Enhanced Category 5 performance in a high-density package. The position of the sockets allows for a compact installation without protruding leads. These outlets are extremely quick and easy to install. Just attach the base plate, snap in the PCB, punch down the cables and install the cover.

Order Code	Description	Price
G-WP002F-V	2 port vertical mount	£5.95
G-WP004F-V	4 port vertical mount	£7.95
G-WPESP	Entry Spacer Plate	£1.35



CAT5e Shuttered Outlets

Description
Available for Category 6 and Enhanced Category 5 Systems, these 4 Way Shuttered Outlets combine high performance, high density and shutter protected sockets in a single gang package. These wall outlets are extremely quick and easy to install. Just attach the base plate, snap in the PCB, punch down the cables and install the cover. Gone are the problems of installing modules into a faceplate and pushing excess wires in a back box.

Order Code	Description	Price
G-WP004F	4 port-shuttered	£9.95
G-WPESP	Entry Spacer Plate	£1.35



Cable Sharing Adapters

Description
Coolport is a low cost 3-port outlet that enables you to connect 3 different devices (such as a PC, Telephone or Fax Machine) via a single Cat-5 cable. All 3 devices are then permanently available. Coolport can be easily mounted onto a desk or wall and are supplied in pairs, with one connected to a wall outlet and the other to a patch panel. Coolports therefore, provide an instant method for adding more devices to a single cable port - ideal in emergency situations where not enough network outlets are available.

Order Code	Description	Price
G-COOLPORTR	Red 1 x 10/100BaseT + 1 x 2Pr Voice Analogue (Price per Pair)	£26.95
G-COOLPORTA	Amber 3 x 1Pr Voice Digital (Price per Pair)	£26.95
G-COOLPORTB	Blue 1 x 10/100BaseT + 2 x 1Pr Voice Digital (Price per Pair)	£26.95
G-COOLPORTP	Purple 2 x 10/100BaseT (Price per Pair)	£26.95



Economy CAT-5e Line Jack Units and Snap-In Modules



Order Code	Data Point Install Kits - Description	Price ea.	10 Pack Price
G-POINTKIT01	For 1 Data Point & 1 Spare Slot (Kit: 1 x 03CBM00122, 1 x 03CBM00115, 1 x 03CBM00114, 2 x 03CBM00121)	£5.25	£49.50
G-POINTKIT02	For 2 Data Points (Kit: 1 x 03CBM00122, 1 x 03CBM00115, 2 x 03CBM00114)	£8.50	£80.00
G-POINTKIT03	For 2 Data Point & 2 Spare Slots (Kit: 1 x 03CBM00123, 1 x 03CBM00116, 2 x 03CBM00114, 4 x 03CBM00121)	£9.95	£95.00
G-POINTKIT04	For 4 Data Points (Kit: 1 x 03CBM00123, 1 x 03CBM00116, 4 x 03CBM00114)	£16.50	£160.00

Order Code	Description	Price ea.	10 Pack Price
G-03CBM00114	Standard UTP RJ45 module	£3.75	£34.00
G-03CBM00115	Standard Single Gang Faceplate (takes 2 modules)	£0.60	£5.40
G-03CBM00116	Standard Dual Gang Faceplate (takes 4 modules)	£0.95	£8.95
G-03CBM00117	Compact Single Gang Faceplate	£0.60	£5.40
G-03CBM00118	Compact Dual Gang Faceplate	£0.95	£8.95
G-03CBM00119	Bevelled Single Gang Faceplate	£0.60	£5.40
G-03CBM00120	Bevelled Dual Gang Faceplate	£0.95	£8.95
G-03CBM00121	1/4 Blank (Two required per empty slot)	£0.15	£1.40
G-03CBM00122	Single Backboxes	£0.75	£6.95
G-03CBM00123	Dual Backboxes	£1.25	£11.00
G-BX127	Wall box Single 27mm deep	£1.05	£9.50
G-BX147	Wall box Single 47mm deep	£2.25	£19.95
G-BX227	Wall box Double 27mm deep	£1.90	£17.95
G-BX247	Wall box Double 47mm deep	£3.05	£28.95

CAT-6 (UTP) RJ-45 and Lj6C Modules for even better performance

Description
BetterBox's® Category 6 Modules provide the performance needed for present and future data communications Networks and other applications including Gigabit Ethernet. CAT-6 modules can be fitted to single or dual faceplates and can be combined with quarter blanks. Voice modules can be fitted to single, double or quad faceplates to provide a flexible configuration.

FEATURES

- Industry standard RJ-45 and Lj6C modules (require different faceplates)
- Unique colour coded saddles allows quick and accurate installation
- Industry standard IDC's
- Top quality, High Performance TYCO sockets
- Individually tested
- Guaranteed for LIFE



Cat-6 RJ45 and Lj6C Modules use different face plates and can not be intermixed.

Order Code	Description	Price
CAT-6 Lj6C		
G-WP000114	CAT-6, UTP Lj6C module with IDC termination	£3.95
G-WP000100	Lj6C Single One gang faceplate	£1.25
G-WP000200	Lj6C Dual One gang faceplate	£1.35
G-WP000400	Lj6C Quad Two gang faceplate	£1.69
G-WP000160	Quad panel for Ackerman Floorbox	£3.50
G-WP000407	Lj6C blank	£1.75

Order Code	Description	Price
CAT-6 RJ-45		
G-WP001356	CAT-6, UTP RJ-45 module with IDC termination	£3.95
G-WP002056	Standard Single gang faceplate	£0.80
G-WP003056	Standard Dual gang faceplate	£1.29
G-WP002086	Bevelled Single gang faceplate	£0.80
G-WP002096	Bevelled Dual gang faceplate	£1.29
G-WP001056	Quarter blank	£0.12



Modular Face Plates & Wall Boxes



FEATURES

- Made from strong plastic
- Keeps your cabling tidy
- Easy to install
- Quantity Discount

Description

The BetterBox® Wall Plates can be ordered to accommodate D type, IBM cabling system, coaxial, twinaxial fibre optic and all types of modular connectors. In addition they can be ordered with single or dual positions. These plates are available with or without connectors. The prices shown are for blank plates, but if you require them to have connectors fitted just let us know. We will not charge you anything more than the price of the connector required.

Order Code	Description	Price each	10 Pack
G-WP0009	Wall plate single DB-9	£1.40	£13.20
G-WP0029	Wall plate double DB-9	£1.50	£14.20
G-WP0015	Wall plate single DB-15	£1.40	£13.20
G-WP0215	Wall plate double DB-15	£1.50	£14.20
G-WP0025	Wall plate single DB-25	£1.40	£13.20
G-WP0225	Wall plate double DB-25	£1.50	£14.20
G-WP0006	Wall plate single coax	£1.40	£13.20
G-WP0026	Wall plate double coax	£1.50	£14.20
G-WP0011	Wall plate single modular	£1.75	£15.95
G-WP0211	Wall plate double modular	£1.95	£17.95
G-BX127	Wall box single 27mm deep	£1.05	£9.50
G-BX147	Wall box single 47mm deep	£2.25	£19.95
G-BX227	Wall box double 27mm deep	£1.90	£17.95
G-BX247	Wall box double 47mm deep	£3.05	£28.95

CAT-6 Gigaband Outlets

Description

The new range of GigaBand outlets meets all of the specifications for the CAT-6 standard at 400MHz and are also backward compatible with CAT-5 and CAT-5e.

Order Code	Description	Price
G-03CBM00110	Fully loaded 3 position RJ45 modules with faceplate	£17.99
G-03CBM00111	Fully loaded 3 position RJ45	£16.99
G-03CBM00112	3 position unloaded module	£0.85
G-03CBM00113	1 x RJ45 expansion module	£5.50

FEATURES

- Backward compatible
- Fits 27mm wall box when used with bevelled faceplate
- Slide label system



Surface Mount Outlets

Description

These compact boxes are a flexible outlet option for use in numerous environments. Their size allows you to install them under a desk or in confined spaces such as your desk cable management system. Supporting both UTP and STP RJ-45 modules, the product will allow the same modules to be terminated at both ends of the circuit.

Order Code	Description	Price
G-03CBM00124	Single Gang Surface Mount Box	£1.25
G-03CBM00125	Double Gang Surface Mount Box	£1.50



Order Code	Description	Price
G-03CBM00126	Unshielded RJ-45 Module	£4.29
G-03CBM00127	Shielded RJ-45 Module	£5.60

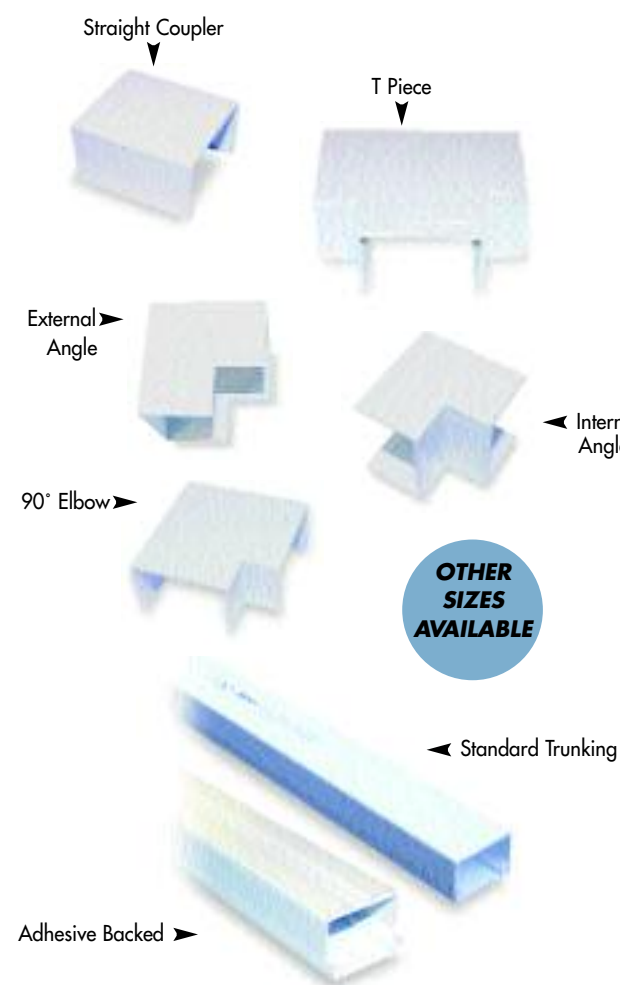


Cable Trunking

Description

Supplied in 3 metre sections, this cable trunking has a simple four stage installation procedure; cut to length, fix to wall, fold up sides, fit lid.

Order Code	Description	Price ea.	Price
16mm x 16mm Trunking & Accessories			
G-CT1616	Cable Trunking	£0.70/m	£1.95 (3m)
G-CT1616A	Cable Trunking (Adhesive back)	£1.00/m	£2.95 (3m)
G-SC1616	Straight Coupler	£0.50	£4.45 pk10
G-EL1616	90° Elbow	£0.50	£4.45 pk10
G-TP1616	T' Piece	£0.70	£6.45 pk10
G-IN1616	Internal Angle	£0.50	£4.45 pk10
G-EX1616	External Angle	£0.50	£4.45 pk10
25mm x 16mm Trunking & Accessories			
G-CT2516	Cable Trunking	£0.90/m	£2.45 (3m)
G-CT2516A	Cable Trunking (Adhesive back)	£1.20/m	£3.45 (3m)
G-SC2516	Straight Coupler	£0.50	£4.45 pk10
G-EL2516	90° Elbow	£0.50	£4.45 pk10
G-TP2516	T' Piece	£0.70	£6.45 pk10
G-IN2516	Internal Angle	£0.50	£4.45 pk10
G-EX2516	External Angle	£0.50	£4.45 pk10
38mm x 16mm Trunking & Accessories			
G-CT3816	Cable Trunking	£1.00/m	£2.95 (3m)
G-CT3816A	Cable Trunking (Adhesive back)	£1.70/m	£4.95 (3m)
G-SC3816	Straight Coupler	£1.10	£10.25 pk10
G-EL3816	90° Elbow	£1.10	£10.25 pk10
G-TP3816	T' Piece	£1.10	£10.25 pk10
G-IN3816	Internal Angle	£1.10	£10.25 pk10
G-EX3816	External Angle	£1.10	£10.25 pk10
38mm x 25mm Trunking & Accessories			
G-CT3825	Cable Trunking	£1.45/m	£4.25 (3m)
G-CT3825A	Cable Trunking (Adhesive back)	£2.05/m	£5.95 (3m)
G-SC3825	Straight Coupler	£1.00	£9.45 pk10
G-EL3825	90° Elbow	£1.00	£9.45 pk10
G-TP3825	T' Piece	£1.45	£13.75 pk10
G-IN3825	Internal Angle	£1.00	£9.45 pk10
G-EX3825	External Angle	£1.00	£9.45 pk10



OTHER SIZES AVAILABLE

Flexible Conduit

Description

This Polypropylene Low Smoke Zero Halogen flexible conduit provides cost effective, flexible protection to cables in sub floor, false ceiling or exposed installations. Supplied in 100 or 50 metre lengths with 20 or 25mm diameter(external) options. Internal diameters are 14mm & 18mm respectively.

FEATURES

- Black LS0H polypropylene
- Highly Flexible
- Choice of lengths and diameter
- Extensive range of fittings available
- Installers packs available

Order Code	Description	Price ea.	Price
G-FC10020	100mtrs, 20mm external diameter Black Flexible Conduit	n/a	£49.00
G-FC05025	50mtrs, 25mm external diameter Black Flexible Conduit	n/a	£46.00
G-FCIP101020	Installers' Pack, 10mtrs 20mm black flexible conduit & FCGN020	n/a	£19.95
G-FCIP101025	Installers' Pack, 10mtrs 25mm black flexible conduit & FCGN025	n/a	£22.95
G-FCGN020	20mm Gland & Locknuts pk10 (black)	£1.25/ea	£11.95
G-FCGN025	25mm Gland & Locknuts pk10 (black)	£1.45/ea	£13.95
G-FCSB10020W	20mm White spacer bar saddles pk100	£0.40/ea	£34.95
G-FCSB10020B	20mm Black spacer bar saddles pk100	£0.40/ea	£34.95
G-FCSB10025W	25mm White spacer bar saddles pk100	£0.50/ea	£46.95
G-FCSB10025B	25mm Black spacer bar saddles pk100	£0.50/ea	£46.95

All sizes of conduit can be supplied split for ease of cable insertion. The split conduit is not as strong or crush proof but makes cable handling easier and when crush proof strength is not required, can help enormously with installation times.





Hazard Control Cable Protectors

Description

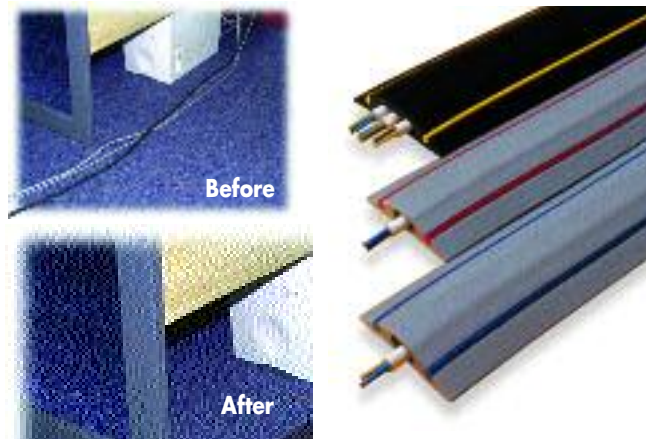
This new range of high visibility cable protectors will provide you with a unique solution for dangerous trailing cables. We offer the standard snap to fit profiles for most general purpose cables and leads in office use, and high visibility cable protectors in three colour combinations for hazard control.

SPECIFICATIONS

- Low smoke, non toxic
- Low fume emission levels in event of a fire
- BS476 Part 7 Class 3
- Non-conductivity BS903-C5 500V
- UV stabilised for extended outdoor life

FEATURES

- Hazard Warning: Black with a Yellow Stripe
- Danger Warning: Grey with a Red Stripe
- Mandatory Warning: Grey with a Blue Stripe



Order Code	Description	Length	Cable Size	Price
G-03CBM00132	Standard Black	3m	14mm max cable diameter	£13.95
G-03CBM00133	Type B Black	3m	30mm max cable diameter	£27.95
G-03CBM00134	Hazard Black/Yellow	3m	14mm max cable diameter	£23.00
G-03CBM00135	Hazard Black/Yellow	3m	30mm max cable diameter	£31.50

Nylon Cable Ties

Reusable Nylon Cable Ties

Order Code	Size	Price
G-03CBM00141	203mm x 4.8mm, max (pk. 100) Cable Bundle Diameter 50.8mm	£6.50

Flag Cable Tie

Order Code	Size	Price
G-03CBM00142	Tie: 114.3mm x 2.5mm (pk. 100) Max Bundle: 19.1mm Flag 20.6mm x 9.5mm	£5.50

Non reusable.



Custom Faceplates Available

Description

The photograph shows an example of a faceplate with twin RCA connectors (left faceplate), one black and one red for audio left and right. Single yellow RCA connector for Video and VGA connector for normal VGA output. This example is frequently used with overhead projectors. Other versions available with your choice of connectors. Other frequently requested options are 3.5mm stereo sockets, serial DB9, scart and TV aerial.

Please call our Technical Support team with your requirements.



The Mille-Tie™ - The NEW intelligent Cable Tie

Description

These cable ties can be undone and reused or simply adjusted as required. They can be cut (leaving no sharp edges to snag) & once 'latched', cut off the tail and it becomes another cable tie!

With one size that fits all these ties naturally control the amount of force applied to ensure the maximum grip without pinching, crushing or damaging your cables.



Order Code	Description	Pk 100
G-03TYEMILLIBK	Black Cable Tie	£12.95

Other colours available include natural, blue, red, green, yellow & grey. Please call for pricing details.

Nylon Cable Ties

Packs of 100, available in Natural, Black, Red, Yellow, Blue or Green.

Order Code	Size	Colour	Price
G-N25100NA	2.5mm x 100mm	Natural	£1.75 pk100
G-N25100BK	2.5mm x 100mm	Black	£1.75 pk100
G-N25100RD	2.5mm x 100mm	Red	£1.85 pk100
G-N25100YL	2.5mm x 100mm	Yellow	£1.85 pk100
G-N25100BU	2.5mm x 100mm	Blue	£1.85 pk100
G-N25100GN	2.5mm x 100mm	Green	£1.85 pk100

G-N48160NA	4.8mm x 160mm	Natural	£3.10 pk100
G-N48160BK	4.8mm x 160mm	Black	£3.10 pk100

G-N48200RD	4.8mm x 200mm	Red	£4.80 pk100
G-N48200YL	4.8mm x 200mm	Yellow	£4.80 pk100
G-N48200BU	4.8mm x 200mm	Blue	£4.80 pk100
G-N48200GN	4.8mm x 200mm	Green	£4.80 pk100

G-N48290NA	4.8mm x 290mm	Natural	£4.80 pk100
G-N48290BK	4.8mm x 290mm	Black	£4.80 pk100
G-N48290RD	4.8mm x 290mm	Red	£6.60 pk100
G-N48290YL	4.8mm x 290mm	Yellow	£6.60 pk100
G-N48290BU	4.8mm x 290mm	Blue	£6.60 pk100
G-N48290GN	4.8mm x 290mm	Green	£6.60 pk100



Order Code	Size	Colour	Price
G-N48360NA	4.8mm x 360mm	Natural	£7.50 pk100
G-N48360BK	4.8mm x 360mm	Black	£7.50 pk100

Multipack Saver Bundles

G-N2510BUND	2.5mm x 100mm	All (100 each)	£9.99 pk600
G-N4820BUND	4.8mm x 200mm	All (200 each)	£29.99 pk800
G-N4829BUND	4.8mm x 290mm	All (100 each)	£29.99 pk600
G-NALLBUND	All 3 Codes Above	All	£64.99 pk2000

Hook & Loop Cable Ties

Order Code	Description	Price ea.
G-03CBM00143	Belt with plastic buckle Width: 16mm Length: 300mm	£14.95 pk10
G-03CBM00144	Belt with plastic buckle Width: 20mm Length: 300mm	£15.95 pk10
G-03CBM00145	Belt with plastic buckle Width: 25mm Length: 400mm	£18.95 pk10
G-03CBM00146	Hook & Loop Length: 152mm Max Bundle: 40mm	£12.95 pk30
G-03CBM00147	Hook & Loop Length: 225mm Max Bundle: 60mm	£14.95 pk20
G-03CBM00148	Hook & Loop Length: 325mm Max Bundle: 90mm	£22.95 pk10
G-03CBM00165	Hook & Loop COMBO pack of 30	£49.95





Nylon Cable Tie Accessories

Order Code	Size	Price
G-03CBM00149	Flat Tie Holder/Masonry mount Cable Tie Widths: 2.5mm - 4.8mm Fits 1/4" diameter hole (pk. 100)	£9.95
G-03CBM00150	Flat Tie Holder/Masonry mount Cable Tie Widths: 4.8mm - 8.9mm Fits 1/4" diameter hole (pk. 100)	£12.95
G-03CBM00151	Wrap-it-tie marker tag. 12.7mm x 32.8mm Matted Surface to accept ink or pen (pk. 100)	£4.95
G-03CBM00152	Flat tie holder (natural colour) Cable Tie Widths: 2.5mm - 4.8mm (pk. 100)	£4.95
G-03CBM00153	4 way adhesive mount, 25mm x 25mm Cable Tie Widths: up to 4.8mm M4 mounting screw Colour - Natural (pk.100)	£11.95
G-03CBM00154	4 way adhesive mount, 25mm x 25mm Cable Tie Widths: up to 4.8mm M4 mounting screw Colour - Black (pk. 100)	£14.95



Self Adhesive Cable Clips

Order Code	Max Cable Diameter	Price
G-03CBM00156	Max Cable Diameter - 4mm (pk. 100)	£6.95
G-03CBM00157	Max Cable Diameter - 8mm (pk. 100)	£14.95
G-03CBM00158	Max Cable Diameter - 12mm (pk. 100)	£17.95
G-03CBM00159	Max Cable Diameter - 16mm (pk. 100)	£17.95



Cable Tie Tools

Order Code	Description	Price
G-CTT001	Cable Tie Tensioning Tool	£34.99

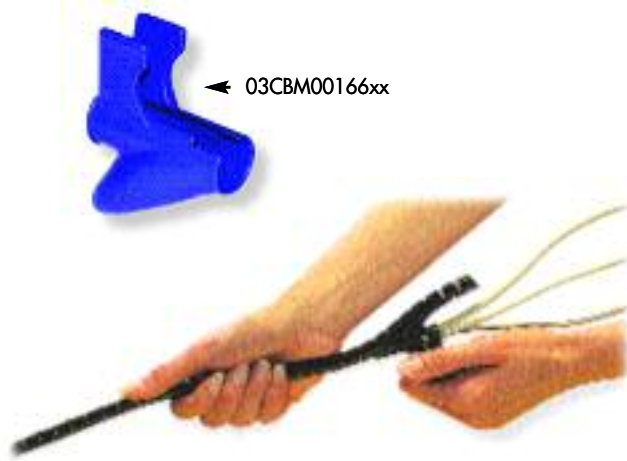


Spiral Bound for Cables with easy Insert Tool

Description

This product will avoid the time consuming method of tidying cables by literally zipping cables into place using the included applicator tool. The cableater™ spiral is reusable and allows easy breakout when required. Available in a number of sizes and lengths.

Order Code	Max Cable Diameter	Price/m	Price 5m
G-03CBM00161	Max Cable Diameter - 10mm Tool free with 10mtrs or more	£0.75	£3.50
G-03CBM00162	Max Cable Diameter - 16mm Tool free with 10mtrs or more	£0.85	£4.00
G-03CBM00163	Max Cable Diameter - 23mm Tool free with 10mtrs or more	£1.45	£7.00
G-03CBM00164	Max Cable Diameter - 25mm Tool free with 10mtrs or more	£1.80	£8.75
G-03CBM00166xx	Cable Tool for 10/16/23/25mm spiral - please specify		£1.45



BMP41 Label Printer

Description

The BMP41 portable Label Printer is a mid-range handheld labelling solution that can print up to 300 labels per day. Not only that, but it can print die-cut or continuous labels up to 1" wide. This printer is a rugged device that withstands harsh conditions. Whether it is sweltering or frigid, it will get the job done where you need it. Also, it is built with additional protection to survive falls of up to six feet high. With an ergonomic design, long rechargeable battery life and easy-to-use features, this printer is engineered for the worker on-the-go.

FEATURES

- Rugged, Handheld and Long Lasting Design:
- Drop-tested and environment resistant
- Rubber bumpers that provide optimal protection and security
- Ergonomic, center-balanced, printer with grab-and-go ridged grip for solid handling
- Long life rechargeable battery, so you can always print when you need to
- Prints up to 300 labels per day for high volume printing

Easy-to-Use Functionality:

Large LCD back light display provides clear visibility
QWERTY keypad, graphics library, hot keys and menu functions make label design Simple and quick

WYSIWYG functionality - What you design on the printer, is what you get on the label
Magnet accessory for hands free printing

Durable and Reliable Materials:

Prints durable, true-sized, 1" (25.4mm) wide identification to maximize amount of data
Die-cut materials that make your job look uniform and professional
Continuous materials allow you to adjust your label length
Ten different industry specified materials that last
Labels that will not bend or curl

Advanced All-in-One Cartridge System:

Hassle-free material calibration with smart-cell equipped cartridges - no setup required
Easy to store, transport and use multiple different cartridges

Just pop cartridges in for quick supply changes and it is easy to bring additional cartridges with you

Pull tab on cartridge allows for one handed removal when changing supplies



The printer can be purchased on its own, with a hard case or as a starter kit that includes durable vinyl tapes, polypropylene tags and self-laminating labels and all that is combined with the versatile BMP41 Label Printer. It has everything you need to get you going!

Order Code	Description	Price
G-BMP41	Standard BMP41 Package	£199.00
G-BMP41-HC	As above with Hard Case	£279.00
G-BMP41-KIT-VD	Voice Data Kit	£499.00

Examples of suitable labels. Many more available, call for details.

M-47-422 25.4mm x 12.7mm	£17.85
M-102-427 12.7 x 31.75mm	£35.25
M-141-499 25.4mm x 25.4mm	£39.95

RHINO 5200

Description

Now it's easier than ever to give your installations a neat, professional look that builds your reputation! Fast, rugged and packed with time-saving features, RHINO 5200 helps comply with ANSI/TIA/EIA-606-A standards, and is designed for professional installers in real-world jobsite conditions. Hot-keys make it easy to print pre-formatted labels for wire and cable, terminal blocks, electrical and patch panels, vertical and fixed lengths. RHINO 5200 uses easy-peel labels with industrial strength adhesives, available in five materials - so you can be confident your labels will stay stuck, and stay legible, even in tough conditions. The kit version comes with extra tape, hard case, rechargeable battery pack and AC power supply.

Order Code	Description	Price
G-DYMRP5200	DYMO Rhino 5200 Printer	£84.50
G-DYMRP5200-K	DYMO Rhino 5200 Printer Kit	£109.00

RHINO 4200

Description

The DYMO Rhino 4200 gets labelling jobs done fast - and done right. Easily navigate the familiar QWERTY keyboard. Use one-touch "Hot Key" shortcuts to quickly create and format wire/cable wraps, flags, Code 39 and Code 128 bar-codes, fixed-length labels, module labels and more. Print labels up to 19mm wide in flexible nylon, permanent polyester and durable vinyl materials - PLUS print directly on heat-shrink tubes. Save even more time with great features - like the "Favourites" key which provides single-key access to commonly used labels, symbols and terms; and the "Custom" key which eliminates repeated steps by saving customized settings. The kit version comes with extra tape, hard case, rechargeable battery pack and AC power supply.

Order Code	Description	Price
G-DYMRP4200	DYMO Rhino 4200 Printer	£74.50
G-DYMRP4200-K	DYMO Rhino 4200 Printer Kit	£104.50



M-141-499
Size: 1.000" W x 1.000" H (25.400 mm W x 25.400 mm H)
Label Type/Style: Flag Label
Colour: Black on White
Material Type: Nylon Cloth
Material Description: Nylon Cloth



M-102-427
Size: 0.500" W x 1.250" H (12.700mm W x 31.750 mm H)
Printable Area: 1.250" x 0.375" (31.75mm x 9.53mm)
Label Type/Style: Self-Laminating Label
Colour: Black on White/Clear
Material Type: Vinyl
Material Description: Self-Laminating Vinyl

M-47-422
Size: 1.000" W x 0.500" H (25.400 mm W x 12.700 mm H)
Label Type/Style: Label
Colour: Black on White
Material Type: Polyester
Material Description: Permanent Polyester

EXAMPLE LABELS

RHINO Flexible Nylon
Size: 19mm x 3.5m, SKU: 18489. White 19mm, RHINO Coloured Vinyl
Size: 19mm x 5.5m, SKU: 1805422, Red, 19mm, RHINO Permanent Polyester
Size: 12mm x 5.5m, SKU: 18483, White, 12mm

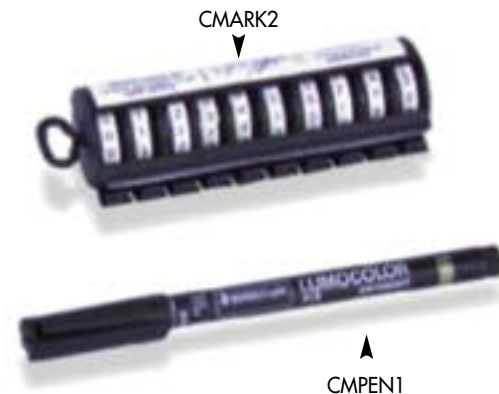
Order Code	Description	Price
G-18489	White Flexible Nylon	£14.39
G-1805422	Red Vinyl	£11.99
G-18483	White Polyester	£13.19



Cable Marking

Order Code	Description	Price
G-CMARK1	Cable Marker Empty Dispenser	£7.25
G-CMARK2	Cable Marker Filled Dispenser	£18.00
G-REFILL1	Refill pack 1 reel of each 0-9	£14.95
G-REFILL10	Refill pack 10 reels of 0	£14.95
G-REFILL11	Refill pack 10 reels of 1	£14.95
G-REFILL12	Refill pack 10 reels of 2	£14.95
G-REFILL13	Refill pack 10 reels of 3	£14.95
G-REFILL14	Refill pack 10 reels of 4	£14.95
G-REFILL15	Refill pack 10 reels of 5	£14.95
G-REFILL16	Refill pack 10 reels of 6	£14.95
G-REFILL17	Refill pack 10 reels of 7	£14.95
G-REFILL18	Refill pack 10 reels of 8	£14.95
G-REFILL19	Refill pack 10 reels of 9	£14.95

Order Code	Description	Price
G-CMPEN1	Indelible Cable Marker Pen	£3.95



BMP21 Label Printer

Description

The BMP21 Portable Label Printer is a rugged all-in-one labeler for voice/data comm, electrical and general industrial crews. With label materials designed specifically for harsh environments, the BMP21 portable printer can quickly and easily create clear, legible labels that stay stuck for years - despite extreme temperatures and curved or highly textured surfaces. This printer is drop tested to be used in a variety of tough environments.

FEATURES

- Prints on These Types of Label Constructions
- Self-Laminating Vinyl
- Permasleeve™ Wire Marker Sleeves
- Polyester
- Indoor/Outdoor Vinyl Film
- Wire Terminal Block
- Easy-to-load cartridges - including the NEW self-laminating labels
- Built in touch cell in cartridge allows printer to automatically format label
- Barcoding - choose from 39 and 128 symbologies
- Multiple print
- Print and cut technology - press print once for multi-print or serial
- Store, retrieve and delete label files
- Power source: 6 AA batteries
- AC power supply option also available (not included as standard)



Order Code	Description	Price
G-BMP21	Standard Label Printer	£99.00
G-BMP21-KIT-110943	As above with AC Power Adapter	£129.00

Handy Cable Marker Books - (Pre-Printed & Write-on)

Description

These self-laminating wire markers are lightweight and pocket-sized making them ideal when you have no printing facilities. They are oil and water resistant, an ideal solution for labelling machine tools and subterranean cables.

Order Code	Size (WxL mm)	Write on Area	Qty	Price
G-PWSPK14	12.7 x 38	12.7 x 19.05	180	£11.65
G-PWCPK1	19.05 x 44.4	19.05 x 12.07	120	£11.65
G-PWCPK3	25.4 x 76.2	25.4 x 19.04	60	£11.65
G-PWCPK6	25.4 x 152.4	25.4 x 25.4	30	£11.65

Description

These labels are ideal for a small network where you can make up your own numbering systems or combine them with a pack of A - Z legends. All are clearly printed on vinyl cloth for a flexible and easy application.

Order Code	Legend	Markers per Book	Price
G-PWMPK1	0 - 9	45 Markers of each legend	£11.65
G-PWMPK2	A - Z, &1 - 15	10 Markers of each legend	£11.65
G-PWMPK3	1 - 45	10 Markers of each legend	£11.65



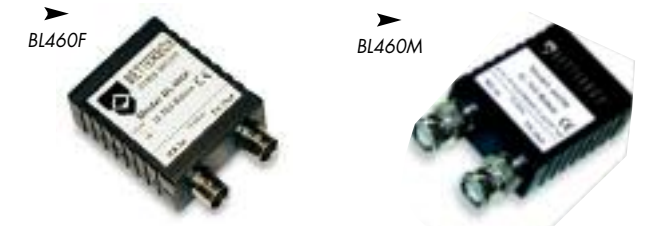
2.048Mbps G.703/4 Baluns

Description

The BetterBox® G.703 Balun allows 75Ω coax terminated equipment to be attached to services using 120 Ω Twisted Pair. This balun specifically addresses the ONP requirement that European PTIs offer 120 Ω twisted pair terminations to their customers. Some PTIs have standardised on 75 Ω coax, or have customers whose CPE has only 75 Ω coax connections. As a passive device this balun offers a ready solution to this termination mismatch. Our balun supports E1 data rates of up to 2.048 Mbps.

SPECIFICATIONS

- Transmission Line: CCITT G.703 or G.704
- Data Rates: 2.048 Mbps
- 75 Ω connection: Dual BNC, Male or Female
- 120 Ω connection: RJ-45



Order Code	Description	Price
G-BL460F	G703 Balun model 460 female	£32.00
G-BL460M	G703 Balun model 460 male	£32.00
G-BL460CM	Balun with 6" Male to Male BNC cables	£39.00

8Mbps & 34Mbps (E2 & E3) High Speed Baluns

FEATURES

- Interconnect 75Ω coaxial and 120Ω twisted pair networks
- 8Mbps or 34Mbps units available
- Bi-directional operation
- Same size and casing used for highly successful BL460 series



Order Code	Description	Price
G-BL480F	8Mbps 75Ω female coax to 120Ω TP	£59.00
G-BL480M	8Mbps 75Ω male coax to 120Ω TP	£59.00
G-BL340F	34Mbps 75Ω female coax to 120Ω TP	£69.00
G-BL340M	34Mbps 75Ω male coax to 120Ω TP	£69.00

2U 2.048Mbps Rackmount Balun System

Description

With our new and convenient rackmountable system you can convert up to 16 G.703 ports from dual BNC to shielded RJ-45 or vice versa. Each Balun in the rack panel is designed as a separate module that can be individually configured for twisted pair shield-to-pin and shield-to-ground wiring. Furthermore there are no external power requirements making this unit a simple ITU-T G.703 compliant product. Because of its modular nature the system can be purchased as either a fully populated 16 device rack or as a 2U chassis where the modules can be purchased individually.

SPECIFICATIONS

- Transmission Line: CCITT G.703 or G.704
- Data Rates: 2.048 Mbps
- 75Ω connection: Dual BNC, Male or Female
- 120Ω connection: RJ-45
- Dimensions (DHW): BL460RC/16F: 90 x 88.9 x 430mm



Order Code	Description	Price
G-BL460RC/16F	Fully populated 2U 16 port chassis (female BNC connectors)	£429.00
G-BL460RC	2U unpopulated chassis	£88.00
G-BL460RC/F	Balun module with female BNC connectors	£32.00

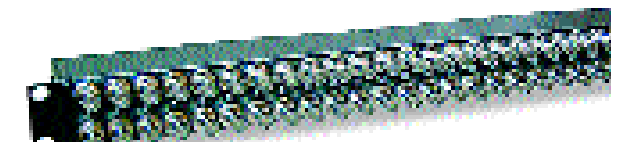
Type 43 Balun Panel

Description

Available with BNC, 1.6/5.6 (Small Siemens) or Type43 (BT) coaxial connectors. The G.703 Modular Dual Path Balun Panel matches the impedance and signal characteristics of up to 24 dual 75Ω coax connectors (24 x E1 Circuits) with up to 24 RJ45 twisted pair connections. The Panel Housing assembly fits in a single 1U 19" Rack, alternative mounting ears are available for 23" racks. The 19" mounting ears are reversible, allowing either the Coax or the RJ45 connections, to be viewed as the front. The panels modular construction allows you add up to 24 separate G.703 Balun Modules in a 1U 19" rack mountable chassis or they can be purchased in the fully populated format shown above. This modular approach provides cost effective solutions, with a proven growth path.

SPECIFICATIONS

- 75Ω Connections: Dual BNC (Male or Female), 1.6/5.6 or Type 43
- 120Ω Connections: Shielded RJ45 Transmission Line
- Speed: CCITT G.703 or G.704 (transparent)
- Cross Talk: 2.048Mbit/s (E1) and 8.448Mbit/s (E2)
- Insertion Loss: Better than -50dB at 1 to 10Mhz
- Return Loss: Less than 0.35dB
- Dimensions: Better than 18dB
- Dimensions: 482 W x 50 D x 44.5 mm H (19" x 2" x 1.74")
- Wiring Scheme: 1 - Tx Tip, 2 - Tx Ring, 4 - Rx Tip, 5 - Rx Ring
- Materials: Case - Zintec, Black Powder Coated
- Operating Temperature: 0° to 50° C



Order Code	Description	Price
G-BLKPP3201	16 x E1 Type43 to RJ45 / RJ48 Balun Panel	£359.00
G-BLKPP32F01	16 x E1 Type43 to RJ45 / RJ48 Front Mount Balun Panel	£359.00
G-BLKPP4801	48 x E1 HDC43 to RJ45 / RJ48C Balun Panel	£1,298.00
G-BLKPP4801	42 Port, 21 E1 Circuits, Type43	£499.00
G-BLKPP4801KT	48 x E1 HDC43 to KATT Balun Panel	£1,298.00
G-BLK703BA-BT43	Dual Type43 to RJ45 Balun Adaptor	£21.69
G-BLKBBK01PFO	Type43 Krone Balun. Male Bulkhead Float Mount Krone	£9.79
G-BLKBMLO1PFX	Type43 Mini Balun. Male Bulkhead Fixed Mount Coax to twisted pair	£9.79
G-BLKBMLO1PFO	Type43 Mini Balun. Male Bulkhead Float Mount Coax to twisted pair	£9.79
G-BLKBMLO1SPL	Type43 Mini Balun. Female Posi-lock Coax to twisted pair	£9.79
G-BLKBMLO1PFO	Type43 Mini Balun. HDC Male Bulkhead Float Mount Coax to twisted pair	£9.79

CCTV (Close Circuit TV)

LongReach™
The LongReach™ is an Active CCTV Receiver Balun that provides extended distance between the CCTV camera and the DVR or multiplexer via copper twisted pair cable.

Order Code	Price
G-BL950195	£199.00

LongReach™ 16 Active CCTV Hub
The LongReach™ 16 is a sixteen (16) port active CCTV receiver hub with full Automatic Image Adjustment, providing a true plug-and-forget CCTV cabling solution up to 4,500 ft (1,371m) via Category 5 twisted pair cable.

Order Code	Price
G-BL950121	£1,995.00

CCTV Modular Balun
The CCTV Modular Balun allows a single composite CCTV video signal to be transmitted via a single unshielded twisted pair for more versatile security and surveillance cabling. Used in pairs

Order Code	Price
G-BL950000	£24.95

CCTV Screw Terminal Balun
The CCTV Screw Terminal Balun allows a single composite CCTV video signal to be transmitted via a single unshielded twisted pair (UTP) cable for more versatile security and surveillance cabling. Used in pairs

Order Code	Price
G-BL950009	£24.95

CCTV Mini Balun
The CCTV Mini Balun allows a single CCTV video signal to be transmitted via cost-effective unshielded twisted pair (UTP) cable. Used in pairs

Order Code	Price
G-BL950023	£21.25

CCTV Passthrough Balun
The CCTV Passthrough Balun allows video, 2-wire PTZ control and remote power to be transmitted via one 4-pair Cat 5 cable, thus eliminating the need to install multiple cables for more efficient cabling in the CCTV security and surveillance environment.

Order Code	Price
G-BL950022	£25.95

PTZ Balun
The PTZ Balun allows CCTV video and "up-the-coax" Pan, Tilt, Zoom (PTZ) control signals to be transmitted via a single unshielded twisted pair (UTP) cable for more versatile cabling. Used in pairs

Order Code	Price
G-BL950007	£42.95



Lower Price

CCTV-Audio/Video Distribution Hub
The Audio-Video Distribution Hub allows up to two (2) baseband composite or one (1) S-video signals and up to two (2) audio signals to be distributed to up to eight (8) destinations via twisted pair (UTP) cable for more cost-effective and versatile cabling. When used in conjunction with these baluns, the Audio-Video Hub provides a smart, fast and cost-effective means of connecting multiple displays to a single source.

Order Code	Price
G-BL950201	£499.00



A/V Distribution

Stereo Audio-Video Balun
The Stereo-Audio Video Balun allows a single (1) composite analog video channel and two (2) baseband analog audio channels to be transmitted via three (3) unshielded twisted pairs. Used in pairs

Order Code	Price
G-BL950001	£53.95

Stereo Audio Balun
Up to 5,000 feet (1.5 km) Colour-coded RCA cable leads. 60 Hz-20 KHz - Boardroom systems, Class-room training, Auditoriums, Home automation and intercom.

Order Code	Price
G-BL950027	£45.25

Stereo Hi-Fi Balun
Up to 3,250 feet (1 km). Colour-coded RCA cable leads. 20 Hz to 20 KHz bandwidth. Boardrooms, Class-room training, Auditoriums, Home automation & intercom.

Order Code	Price
G-BL950028	£53.25

Quad Video Balun (BL500032: RCA; BL500037: BNC)
Up to 4 composite or component video signals via UTP in a point-to-point connection. Used in pairs. Works in conjunction with other composite video products: BL950000, BL950009, BL950023, BL950021.

Order Code	Price
G-BL950032	£53.25
G-BL950037	£47.45

Quad Audio Balun
Up to 4 analog line audio signals via UTP in a point-to-point connection. Works in conjunction with other analog audio baluns such as the BL950019.

Order Code	Price
G-BL950033	£54.75



Active VGA Balun Kit
(one Transmitter and one Receiver)
Supports up to 1920 x 1440 pixels, up to 700 feet (213 m). Features manual gain adjustment and local monitor output. Applications: Digital signage, boardroom, collaborative PC systems, medical information systems.

Order Code	Price
G-BL950036	£290.85

MonoPro™ XLR™

The MonoPro™ XLR (500025, 500026) allows a standard AES analog or digital audio channel to be connected via Category 5 unshielded twisted pair cable (UTP) in the professional audio environment.

Order Code	Description	Price
G-BL950025	Male XLR	£45.35
G-BL950026	Female XLR	£45.35



HDMI Balun

The HDMI Passive Extender Kit allows HDMI equipment to be connected up to 100 ft (30m) via two (2) Cat5e unshielded twisted pair cables in a point-to-point configuration at 1080p resolution. The product also works with 1080p up to 150 ft (45m) via Cat6 cables. The kit comes with one (1) transmitter and one (1) receiver.

Order Code	Price
G-HDMIBLNPR	£149.00



FEATURES

- HDMI 1.4
- Up to 100 ft (30m) @ 1080p Cat5e
- Up to 150 ft (45m) @ 1080p Cat6
- Connect via two (2) Cat5e/6 cables
- No external power required
- Supports HDMI 3D
- Works with Deep Colour equipment

Analog Audio Balun

The Audio Balun allows any unbalanced analog audio signal to be trans-mitted via a single unshielded twisted pair (UTP) cable for more versatile cabling. Used in pairs.

Order Code	Price
G-BL9500019	£24.95



Digital Audio Balun

The Digital Audio Balun allows a digital audio source to be connected up to 600 feet (183m) away from a digital audio decoder/amplifier via copper unshielded twisted pair (UTP). Used in pairs.

Order Code	Price
G-BL950020	£24.95



S-Video Distribution

S-Video Balun

The S-Video Balun allows one (1) S-Video channel to be connected via two (2) unshielded twisted pairs. Used in pairs.

Order Code	Price
G-BL950016	£24.95



S-Video Hi-Fi Balun

One S-Video and one Hi-Fi stereo audio (20 Hz to 20 KHz bandwidth) via twisted pair. Up to 1,000 feet (305 m); small size; Presentation, classroom, corporate projection systems, Plasma displays, custom home installations.

Order Code	Price
G-BL950038	£45.25



Stereo Hi-Fi Video Balun

One composite video and one Hi-Fi stereo audio (20 Hz to 20 KHz bandwidth) via twisted pair. Up to 2,200 feet (670 m) - built-in cable leads; Presentation systems, custom home installations.

Order Code	Price
G-BL950039	£45.25



S-Video/Audio Balun

The S-Video/Audio Balun allows one (1) S-Video channel and two (2) audio channels to be connected via four (4) unshielded twisted pairs. Used in pairs.

Order Code	Price
G-BL950017	£56.50



Dual Audio-Video Balun

The Dual Audio-Video Balun allows two (2) baseband video channels and two (2) baseband audio channels to be transmitted via four (4) unshielded twisted pairs. Used in pairs.

Order Code	Price
G-BL950012	£53.50



VGA/RGB/Component Video

VGA Baluns

Easy to install baluns that enable VGA to be transferred via cost effective Cat5 cable. Long distances of up to 100m can be achieved.

FEATURES

- Passive product - does not require external power
- Send VGA up to 100m using Cat5
- Supports VGA, SVGA, XGA and UXGA
- Available with male or female connectors

Order Code	Price
G-VGABLNMF	£55.00
G-VGABLNF	£55.00



Component Video YPbPr or RGB Sync on Green

Supporting HDTV 1080 i/p (BL500050/BL500052: Male; BL500051/BL500053: Female) & Digital Audio Dolby DTS (BL500050, BL500051) or Analog Hi-Fi Audio (BL500052/BL500053) via one UTP Cat5; Used in pairs. Supports up to 1000 feet (300 m) in 480i/p and up to 500 feet (150 m) in 720p or 1080i/p: HDTV, HD DVD, Home Theaters, Plasma displays, projectors, satellite receivers, medical imaging systems, video walls, HDTV multi-rooms distribution with HDTV Distribution Hubs.

Order Code	Price
G-BL950050	£Call
G-BL950051	£Call
G-BL950052	£Call
G-BL950053	£Call



CATV/RF Video

CATV Balun

The CATV Balun allows one (1) CATV, VHF and FM video signal to be transmitted via one (1) twisted pair cable in a point-to-point connection.

Order Code	Price
G-BL950006	£40.45



CATV Balun II

Broadband video (up to 900 MHz, 150 channels) via twisted pair. Private and public RF video networks, Terrestrial CableTV, Digital Cable, Broadband Internet

Order Code	Price
G-BL950302	£Call

Passive 16 port CCTV Hub

Up to 2200 feet (1000-1500 feet if DVR). BL500130: UTP/Coax; BL500131: UTP/UTP Port switch to set Video-only or Power -Thru (Video + Power) or Pass-Thru mode (Video + Power + PTZ control). Works in conjunction with BL500000, BL500009, BL500015, BL500022, BL500024, BL500023, BL500029 and BL500120 / BL500121 Rackmountable.

Order Code	Price
G-BL950130	£Call
G-BL950131	£Call

HDTV Component Video Hub

Full Component Video (YpbPr / RGB) for HDTV 480i/p, 720p, 1080i/p and one Digital Audio distributed to up to 8 (BL500250/BL500251) or 16 (BL500252/BL5000253) locations via twisted pair; Cascadable two levels (up to 272 destinations). Works in conjunction with BL500050/BL500051 and other baluns that support component video and digital audio; Digital signage, video walls, boardrooms and multi-rooms systems, Training and classrooms, video kiosks, Presentation, classrooms, corporate projection systems. Custom home installations.



Order Code	Price
G-BL950252	£Call
G-BL950253	£1,175.00

USB 4-Port Extender

The USB 4-Port Extender Kit allows up to four (4) USB 1.1 full speed) and low speed devices to be connected to a USB host via Cat5E/6 cable. The USB Extender supports up to 150 ft (46m) in a point-to-point connection. The kit come with one (1) host side adapter, one (1) device side transceiver and one (1) power supply for devices requiring 500 mA. Applications include; Multimedia, residential audio-video, webcam surveillance, keyboard/mouse, I/O device, printers, scanners, hard drives, flash drives and mp3 players, credit card readers, signature pads.



Order Code	Price
G-USBBLN4	£219.00

Mille-Rod™ PUSH-PULL RODS

Description

This high quality affordable range is the entry range system for the amateur and professional user alike. Mille-Rod™ Standard range enables the installation of wire and cable over long runs and through hard to access voids and cavities. Made from high quality 4mm (0.15 inch) GRP, these rods with their specially engineered joints are individually tested to 80 kg (176 lbs). The ultra short joints ensure maximum bending when the rods are connected by reducing the flat spots at each thread point. Each joint is also engineered to ensure a very low profile to reduce snagging risk. The use of Mille-Rod™ allows cables to be installed with minimum disruption, avoiding time-consuming and costly re-decoration. The essential addition to every tool set.

Mille-Rod Standard (Full Size) - 6.1 metre (20 ft)

Contents:

RODS:

- 6 x 1 m (3.3 ft) GRP rods
- 1 x 130mm (5 inch) Flexi Lead
- Diameter: 4mm (0.15 inch)
- Total length: 6.1 metres (20 foot)

The ideal full sized sets for most work and home applications - To make your set complete add our versatile accessory set.

ACCESSORIES:

- 1 x Mini Eye
- 1 x Mini Hook
- Mini Hook, Mini Eye are used for retrieving and attaching cable
- The Flexi Lead attachment assists with the handling and navigation of your routing path and 'starting off' your run.

Order Code	Price
G-MR61-STAN	£25.00

Mille-Rod Accessory Tube

Contents:

RODS:

- 1 x Domed Bullet
- 1 x Flat Bullet
- 1 x Gender Changer
- 1 x Single Magnet
- 1 x Push Pull Ring

Completes any Mille-Rod set to make the complete package!

- Both the flat and Domed bullet will push through dirt and debris clearing the path for easier cable installation.
- The single Magnet transforms your installation system into a retrieval tool.
- The push pull ring is used for attaching cable
- The gender changer attachment allows two 'male' ends to be used on the same run.

Order Code	Price
G-MR61-ACC	£8.25

Mille-Rod Standard Tool Box (5 Rod Set) 2.31 Metres (91")

Contents:

RODS:

- 6 x 330mm (1.1 ft) GRP Rods
- 1 x Flexi Lead x 330mm (1.1 ft)
- Diameter: 4mm (0.15 inch)
- Total length: 2.31 metres

ACCESSORIES:

- 1 x Domed Bullet
- 1 x Mini Eye
- 1 x Mini Hook
- 1 x tool box sized carry tube

All you need for most everyday jobs in a handy to carry tool box length.

Order Code	Price
G-MR61-TOOL	£17.95

- #### FEATURES
- High performance GRP (Glass Reinforced Plastic) Rods - each tested to 80 kg (176 lbs)
 - Ultra short joints for maximum bend
 - Low profile threads for reduced snag risk
 - Flexible range of attachments to accommodate almost any requirement
 - Extendable by adding additional sets

