WREN
FIBRE OPTIC SOLUTIONS

CABLE BREAKOUT UNITS

The Cable Breakout Unit is designed to anchor an incoming cable and route the fibre tubes to individual patch panels or Optical Sub Units within the Optical Distribution Frame. Each Cable Breakout Unit is provided with central tension member anchorage. The Cable Breakout Unit is made up of a base, lid, compression gland, CTM clamp and flexible copex tubing. Each 10mm outer diameter copex tube can accommodate two unitubes, typically containing up to 12 fibres each. Typically used where loose tube cables are more suitable and cost effective.

Features

- Comprehensive range of sizes to suit application including 4 way, 8 way, 12 way, 16 way and 24 way as standard
- Based around 10mm outer diameter copex tubing. Each copex tube can take up to 2 unitubes, allowing up to individual fibres to be routed to each panel
- Slots are designed to retain the copex securely
- Trunk cable is secured using a standard compression gland (varying sizes - see ordering information)
- Supplied with central tension member clamp for securing the strength member of the cable (up to 7mm diameter)
- The Giant Breakout Unit can accommodate up to 6 individual cable entry points and 36 copex tubes providing cable breakout for large capacity Optical Distribution Frames in cross-connect applications.

Benefits

- Safe secure transition between cable and panel where it is not possible to route the cable directly to the tray
- Copex tubes are secured quickly without compression or tightening of screws
- Can be fixed using cage nuts to side of rack, back board or wall
- Also integrates with 1U Fibre Craft Tray and Optical Distribution Frame 4-way and 6-way back plates enabling the Cable Breakout Unit to be mounted sideways on the rear of the panel or back plate where the access to the bottom or side of the rack is limited

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Example Ordering information

MCO0039   4-Way Cable Breakout Unit
Supplied with M20 compression gland (cable diameter min 7.5mm/max 11.3mm) and 4 metres of copex tubing as standard

No. Copex Tubes	Maximum Fibres (2 Unitube x 12 fibres each)
Up to 4	Up to 96

MCO0027   8-Way Cable Breakout Unit
Supplied with M25 compression gland (cable diameter min 10.8mm/max 15.8mm) and 8 metres of copex tubing as standard

No. Copex Tubes	Maximum Fibres (2 Unitube x 12 fibres each)
Up to 8	Up to 192

MCO0277   12-Way Cable Breakout Unit
Supplied with M25 compression gland (cable diameter min 10.8mm/max 15.8mm) and 10 metres of copex tubing as standard

No. Copex Tubes	Maximum Fibres (2 Unitube x 12 fibres each)
Up to 12	Up to 288

MCO0013   16-Way Cable Breakout Unit
Supplied with M25 compression gland (cable diameter min 10.8mm/max 15.8mm) and 12 metres of copex tubing as standard

No. Copex Tubes	Maximum Fibres (2 Unitube x 12 fibres each)
Up to 16	Up to 384

MCO0278   24-Way Cable Breakout Unit
Supplied with M25 compression gland (cable diameter min 10.8mm/max 15.8mm) and 16 metres of copex tubing as standard

No. Copex Tubes	Maximum Fibres (2 Unitube x 12 fibres each)
Up to 24	Up to 576

i *M32 glands (cable diameter min 14.6mm/max 19.5mm) and non-standard lengths of copex tubing can be supplied on request*

Related Products and Additional Accessories

Part Number	Description
10-00009	Rear Copex Mounting Clip
MAC0020	Copex Tubing (per metre)
MCO0205	Rear Mount c/w 24 x SC/APC Pigtails and Adaptors
MCO0157	Rear Mount c/w 24 x SC/PC Pigtails and Adaptors
MCO0292	Rear Mount c/w 24 x LC/PC Pigtails and Adaptors
MCO0293	Rear Mount c/w 24 x FC/PC Pigtails and Adaptors
MCO0256	Craft Tray c/w 24 x LC/PC Pigtails and Adaptors
MCO0290	Craft Tray c/w 24 x SC/PC Pigtails and Adaptors
MCO0268	Craft Tray c/w 24 x E2000/PC Pigtails and Adaptors
MCO0215	Craft Tray (2 Tray Module) c/w 48 x SC/APC Pigtails and Adaptors
MCO0003	4 Way Rear Mount Back Plate
MCO0075	6 Way Rear Mount Back Plate
MCO0077	4 Way Front Mount Back Plate
MCO0291	6 Way Front Mount Back Plate