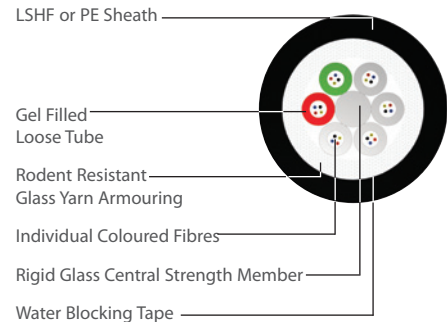


Brand-Rex Optical Cables - Universal MRU 01 and External MRE 01
Glass Yarn Armoured Rodent Resistant Multi Loose Tube Cable

Product Data

| | Diameter mm | Weight (U)/(E) kg / km | Max Tensile Load N | Min Static Bend mm | Min Dynamic Bend mm |
|--------------|----------------|------------------------------|--------------------------|--------------------------|---------------------------|
| 4 - 24 Fibre | 11.1 | 149/118 | 4400 | 110 | 167 |



Glass Yarn Armouring for Rodent Resistance

Rigid Glass Central Strength Member

Choice of Universal or External Sheath

2.10mm Gel Filled Loose Tube

PRODUCT DESCRIPTION

For applications where protection from rodent attack is required and a higher tensile load is required, exists the universal MRR product range offers rodent protection in the form of glass roving armour which deters rodents from chewing on optical cables. The product range consists of multiple 2.10mm loose tubes containing up to 4 fibres and solid fillers where required, stranded around a rigid glass non metallic central strength member. A layer of water blocking tape provides interstitial water blocking.

PRODUCT PERFORMANCE

| | |
|------------------------------------|--|
| Crush (N): 2000 | Temp - Operation: -40°C to +70°C |
| Impact (Nm): 5 | Temp - Storage: -40°C to +70°C |
| Torsion (turns / m): 5 | Temp - Installation: -10°C to +70°C |
| Fire: IEC 60332-1 (MRU only) | Water Penetration: <3m @ 24h |

Tested in accordance with IEC 60794-1-2 unless stated

Product Part Numbering - MRU 01 - Universal

| | 62.5/125 | 50/125 | OM3 | OM4 | OS1/OS2 |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 4 Fibre | HF 062 S4 W RR LU 4FT | HF 050 S4 W RR LU 4FT | HF OM3 S4 W RR LU 4FT | HF OM4 S4 W RR LU 4FT | HF 008 S4 W RR LU 4FT |
| 8 Fibre | HF 062 S8 W RR LU 4FT | HF 050 S8 W RR LU 4FT | HF OM3 S8 W RR LU 4FT | HF OM4 S8 W RR LU 4FT | HF 008 S8 W RR LU 4FT |
| 12 Fibre | HF 062 S12 W RR LU 4FT | HF 050 S12 W RR LU 4FT | HF OM3 S12 W RR LU 4FT | HF OM4 S12 W RR LU 4FT | HF 008 S12 W RR LU 4FT |
| 16 Fibre | HF 062 S16 W RR LU 4FT | HF 050 S16 W RR LU 4FT | HF OM3 S16 W RR LU 4FT | HF OM4 S16 W RR LU 4FT | HF 008 S16 W RR LU 4FT |
| 20 Fibre | HF 062 S20 W RR LU 4FT | HF 050 S20 W RR LU 4FT | HF OM3 S20 W RR LU 4FT | HF OM4 S20 W RR LU 4FT | HF 008 S20 W RR LU 4FT |
| 24 Fibre | HF 062 S24 W RR LU 4FT | HF 050 S24 W RR LU 4FT | HF OM3 S24 W RR LU 4FT | HF OM4 S24 W RR LU 4FT | HF 008 S24 W RR LU 4FT |

Product Part Numbering - MRE 01 - External

| | 62.5/125 | 50/125 | OM3 | OM4 | OS1/OS2 |
|----------|------------------------|------------------------|------------------------|------------------------|------------------------|
| 4 Fibre | HF 062 S4 W RR NM 4FT | HF 050 S4 W RR NM 4FT | HF OM3 S4 W RR NM 4FT | HF OM4 S4 W RR NM 4FT | HF 008 S4 W RR NM 4FT |
| 8 Fibre | HF 062 S8 W RR NM 4FT | HF 050 S8 W RR NM 4FT | HF OM3 S8 W RR NM 4FT | HF OM4 S8 W RR NM 4FT | HF 008 S8 W RR NM 4FT |
| 12 Fibre | HF 062 S12 W RR NM 4FT | HF 050 S12 W RR NM 4FT | HF OM3 S12 W RR NM 4FT | HF OM4 S12 W RR NM 4FT | HF 008 S12 W RR NM 4FT |
| 16 Fibre | HF 062 S16 W RR NM 4FT | HF 050 S16 W RR NM 4FT | HF OM3 S16 W RR NM 4FT | HF OM4 S16 W RR NM 4FT | HF 008 S16 W RR NM 4FT |
| 20 Fibre | HF 062 S20 W RR NM 4FT | HF 050 S20 W RR NM 4FT | HF OM3 S20 W RR NM 4FT | HF OM4 S20 W RR NM 4FT | HF 008 S20 W RR NM 4FT |
| 24 Fibre | HF 062 S24 W RR NM 4FT | HF 050 S24 W RR NM 4FT | HF OM3 S24 W RR NM 4FT | HF OM4 S24 W RR NM 4FT | HF 008 S24 W RR NM 4FT |

Fibre Selection Codes

O62 050 OM3 OM4 BM3 BM4 008 108 208

Use these part number identifiers to select the fibre type you require by replacing the fibre code in the part number e.g. HFOM3PDC24LU becomes HFBM3PDC24LU.