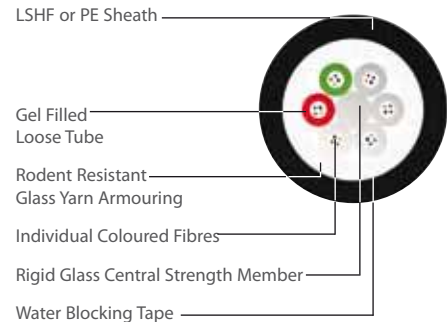




**Brand-Rex Optical Cables - Universal MRU 01 and External MRE 01**  
Glass Yarn Armoured Rodent Resistant Multi Loose Tube Cable

**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): 3000	Temp - Operation: -40°C to +70°C
Impact (Nm): 30	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	8/125
4 Fibre	HF 062 S4 W RR LU 4FT	HF 050 S4 W RR LU 4FT	HF OM3 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 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 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 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 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 008 S24 W RR LU 4FT

**Product Part Numbering - MRE 01 - External**

	62.5/125	50/125	OM3	8/125
4 Fibre	HF 062 S4 W RR NM 4FT	HF 050 S4 W RR NM 4FT	HF OM3 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 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 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 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 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 008 S24 W RR NM 4FT

**Fibre Selection Codes**

O62    050    H50    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.