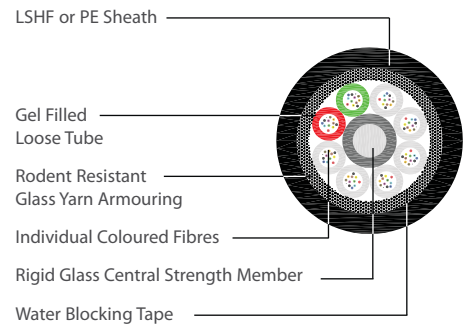




**Brand-Rex Optical Cables - Universal MRU 04 and External MRE 04**  
Glass Yarn Armoured Rodent Resistant Multi Loose Tube Cable

**Product Data**

	Diameter mm	Weight (U)/(E) kg / km	Max Tensile Load N	Min Static Bend mm	Min Dynamic Bend mm
12 - 96 Fibre	13.5	200/164	5500	135	198



**Glass Yarn Armouring for Rodent Resistance**

**Rigid Glass Central Strength Member**

**Choice of Universal or External Sheath**

**2.50mm Gel Filled Loose Tube**

**PRODUCT DESCRIPTION:**

For applications where protection from rodent attack and higher fibre counts are required, the universal 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 2.50mm loose tubes containing up to 12 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 04 - Universal**

	62.5/125	50/125	OM3	OS1/OS2
84 Fibre	HF 062 S84 W RR LU	HF 050 S84 W RR LU	HF OM3 S84 W RR LU	HF 008 S84 W RR LU
96 Fibre	HF 062 S96 W RR LU	HF 050 S96 W RR LU	HF OM3 S96 W RR LU	HF 008 S96 W RR LU

**Product Part Numbering - MRE 04 - External**

	62.5/125	50/125	OM3	OS1/OS2
84 Fibre	HF 062 S84 W RR NM	HF 050 S84 W RR NM	HF OM3 S84 W RR NM	HF 008 S84 W RR NM
96 Fibre	HF 062 S96 W RR NM	HF 050 S96 W RR NM	HF OM3 S96 W RR NM	HF 008 S96 W RR NM

**Fibre Selection Codes**

062 050 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.