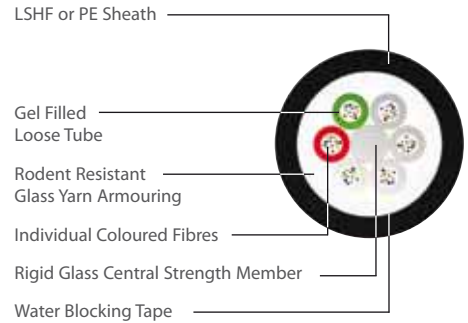




Brand-Rex Optical Cables - Universal MRU 02 and External MRE 02
Glass Yarn Armoured Rodent Resistant Multi Loose Tube Cable

Product Data

	Diameter mm	Weight (U)/(E) kg / km	Max Tensile Load N	Min Static Bend mm	Min Dynamic Bend mm
12 - 72 Fibre	12.2	171/137	5500	122	183



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 02 - Universal

	62.5/125	50/125	OM3	OS1/OS2
12 Fibre	HF 062 S12 W RR LU	HF 050 S12 W RR LU	HF OM3 S12 W RR LU	HF 008 S12 W RR LU
24 Fibre	HF 062 S24 W RR LU	HF 050 S24 W RR LU	HF OM3 S24 W RR LU	HF 008 S24 W RR LU
36 Fibre	HF 062 S36 W RR LU	HF 050 S36 W RR LU	HF OM3 S36 W RR LU	HF 008 S36 W RR LU
48 Fibre	HF 062 S48 W RR LU	HF 050 S48 W RR LU	HF OM3 S48 W RR LU	HF 008 S48 W RR LU
60 Fibre	HF 062 S60 W RR LU	HF 050 S60 W RR LU	HF OM3 S60 W RR LU	HF 008 S60 W RR LU
72 Fibre	HF 062 S72 W RR LU	HF 050 S72 W RR LU	HF OM3 S72 W RR LU	HF 008 S72 W RR LU

Product Part Numbering - MRE 02 - External

	62.5/125	50/125	OM3	OS1/OS2
12 Fibre	HF 062 S12 W RR NM	HF 050 S12 W RR NM	HF OM3 S12 W RR NM	HF 008 S12 W RR NM
24 Fibre	HF 062 S24 W RR NM	HF 050 S24 W RR NM	HF OM3 S24 W RR NM	HF 008 S24 W RR NM
36 Fibre	HF 062 S36 W RR NM	HF 050 S36 W RR NM	HF OM3 S36 W RR NM	HF 008 S36 W RR NM
48 Fibre	HF 062 S48 W RR NM	HF 050 S48 W RR NM	HF OM3 S48 W RR NM	HF 008 S48 W RR NM
60 Fibre	HF 062 S60 W RR NM	HF 050 S60 W RR NM	HF OM3 S60 W RR NM	HF 008 S60 W RR NM
72 Fibre	HF 062 S72 W RR NM	HF 050 S72 W RR NM	HF OM3 S72 W RR NM	HF 008 S72 W RR NM

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.