

Brand-Rex Optical Cables - Universal MRU 03 and External MRE 03
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
96 - 144 Fibre	16.7	279/230	6000	167	251

Product Part Numbering - MRU 03 - Universal

	62.5/125	50/125	OM3	OS1/OS2
108 Fibre	HF 062 S108 W RR LU	HF 050 S108 W RR LU	HF OM3 S108 W RR LU	HF 008 S108 W RR LU
120 Fibre	HF 062 S120 W RR LU	HF 050 S120 W RR LU	HF OM3 S120 W RR LU	HF 008 S120 W RR LU
132 Fibre	HF 062 S132 W RR LU	HF 050 S132 W RR LU	HF OM3 S132 W RR LU	HF 008 S132 W RR LU
144 Fibre	HF 062 S144 W RR LU	HF 050 S144 W RR LU	HF OM3 S144 W RR LU	HF 008 S144 W RR LU

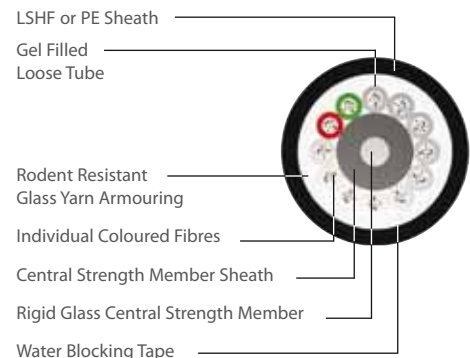
Product Part Numbering - MRE 03 - External

	62.5/125	50/125	OM3	OS1/OS2
108 Fibre	HF 062 S108 W RR NM	HF 050 S108 W RR NM	HF OM3 S108 W RR NM	HF 008 S108 W RR NM
120 Fibre	HF 062 S120 W RR NM	HF 050 S120 W RR NM	HF OM3 S120 W RR NM	HF 008 S120 W RR NM
132 Fibre	HF 062 S132 W RR NM	HF 050 S132 W RR NM	HF OM3 S132 W RR NM	HF 008 S132 W RR NM
144 Fibre	HF 062 S144 W RR NM	HF 050 S144 W RR NM	HF OM3 S144 W RR NM	HF 008 S144 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.



Glass Yarn Armouring for Rodent Resistance

Rigid Glass Central Strength Member

Choice of Universal or External Sheath

12 x 12 Fibres Per Tube Offering up to 144 Fibres
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 that 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 sheathed 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