

**Brand-Rex Optical Cables - Universal MRU 05 and External MRE 05**  
Glass Yarn Armoured Rodent Resistant Multi Loose Tube Cable

**Product Data**

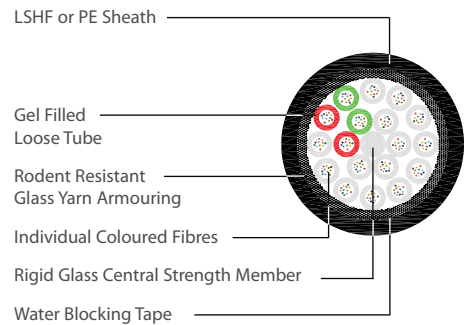
	Diameter mm	Weight (U)/(E) kg / km	Max Tensile Load N	Min Static Bend mm	Min Dynamic Bend mm
144 - 216 Fibre	17.2	294/250	5500	172	258

**Product Part Numbering - MRU 05 - Universal**

	62.5/125	50/125	OM3	OS1/OS2
156 Fibre	HF 062 S156 W RR LU	HF 050 S156 W RR LU	HF OM3 S156 W RR LU	HF 008 S156 W RR LU
168 Fibre	HF 062 S168 W RR LU	HF 050 S168 W RR LU	HF OM3 S168 W RR LU	HF 008 S168 W RR LU
180 Fibre	HF 062 S180 W RR LU	HF 050 S180 W RR LU	HF OM3 S180 W RR LU	HF 008 S180 W RR LU
192 Fibre	HF 062 S192 W RR LU	HF 050 S192 W RR LU	HF OM3 S192 W RR LU	HF 008 S192 W RR LU
204 Fibre	HF 062 S204 W RR LU	HF 050 S204 W RR LU	HF OM3 S204 W RR LU	HF 008 S204 W RR LU
216 Fibre	HF 062 S216 W RR LU	HF 050 S216 W RR LU	HF OM3 S216 W RR LU	HF 008 S216 W RR LU

**Product Part Numbering - MRE 05 - External**

	62.5/125	50/125	OM3	OS1/OS2
156 Fibre	HF 062 S156 W RR NM	HF 050 S156 W RR NM	HF OM3 S156 W RR NM	HF 008 S156 W RR NM
168 Fibre	HF 062 S168 W RR NM	HF 050 S168 W RR NM	HF OM3 S168 W RR NM	HF 008 S168 W RR NM
180 Fibre	HF 062 S180 W RR NM	HF 050 S180 W RR NM	HF OM3 S180 W RR NM	HF 008 S180 W RR NM
192 Fibre	HF 062 S192 W RR NM	HF 050 S192 W RR NM	HF OM3 S192 W RR NM	HF 008 S192 W RR NM
204 Fibre	HF 062 S204 W RR NM	HF 050 S204 W RR NM	HF OM3 S204 W RR NM	HF 008 S204 W RR NM
216 Fibre	HF 062 S216 W RR NM	HF 050 S216 W RR NM	HF OM3 S216 W RR NM	HF 008 S216 W RR NM



**Glass Yarn Armouring for Rodent Resistance**

**Rigid Glass Central Strength Member**

**Choice of Universal or External Sheath**

**18 x 12 Fibres Per Tube Offering up to 216 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

**Fibre Selection Codes**

O62    O50    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.