



Brand-Rex Optical Cables - Universal MDU 05 and External MDE 05
Duct Grade 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	16.50	220/177	2000	165	248

Product Part Numbering - MDU 05 - Universal

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

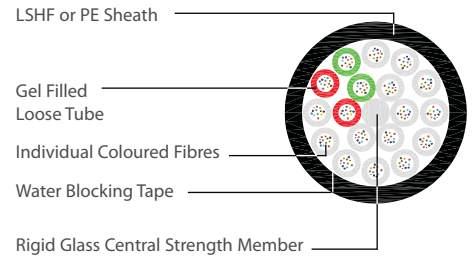
Product Part Numbering - MDE 05 - External

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



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 higher fibre count building and campus backbone applications the product range delivers up to 216 fibres in a compact duct grade construction. 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): 2500	Temp - Operation: -40°C to +70°C
Impact (Nm): 25	Temp - Storage: -40°C to +70°C
Torsion (turns / m): 5	Temp - Installation: -10°C to +70°C
Fire: IEC 60332-1 (MDU only)	Water Penetration: <3m @ 24h

Tested in accordance with IEC 60794-1-2 unless stated