

**Brand-Rex Optical Cables - Universal MDU 04 and External MDE 04**  
 Universal 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
12 - 96 Fibre	12.60	150/118	3000	126	189

**Product Part Numbering - MDU 04 - Universal**

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

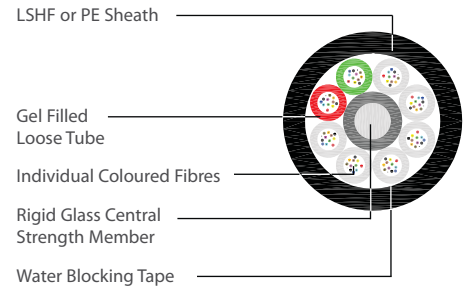
**Product Part Numbering - MDE 04 - External**

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

**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.



**Rigid Glass Central Strength Member**

**Choice of Universal or External Sheath**

**8 x 12 Fibres Per Tube Offering up to 96 Fibres**

**2.50mm Gel Filled Loose Tube**

**PRODUCT DESCRIPTION:**

For building and campus backbone applications where higher fibre counts are required, the product range offers a compact duct grade cable. The product range consists of multiple 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): 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