



**Brand-Rex Optical Cables - Universal MTU 03 and External MTE 03**  
Direct Burial Steel Tape Armoured 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	20.00	445/355	2000	200	300

**Product Part Numbering - MTU 03 - Universal**

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

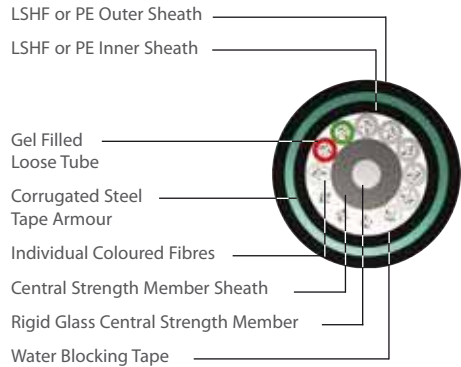
**Product Part Numbering - MTE 03 - External**

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



**Corrugated Steel Tape Armour**

**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 direct burial applications, the twin sheathed product range offers up to 144 fibres in a compact and relatively flexible construction. The 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 and a layer of corrugated steel tape armour gives additional crush resistance.

**PRODUCT PERFORMANCE:**

Crush (N): 7500	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 (MSU only)	Water Penetration: <3m @ 24h

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