



**Brand-Rex Optical Cables - Universal MTU 04 and External MTE 04**  
 Universal 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
12 - 96 Fibre	16.7	330/260	3000	167	250

**Product Part Numbering - MTU 04 - Universal**

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

**Product Part Numbering - MTE 04 - External**

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

**LSHF or PE Outer Sheath**  
**LSHF or PE Inner Sheath**  
**Gel Filled Loose Tube**  
**Corrugated Steel Tape Armour**  
**Individual Coloured Fibres**  
**Rigid Glass Central Strength Member**  
**Water Blocking Tape**

**Corrugated Steel Tape Armour**  
**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 direct burial applications, the twin sheathed product range offers up to 96 fibres in a compact and relatively flexible construction. The product range consists of multiple 2.50mm 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 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 (MTU only)	Water Penetration: <3m @ 24h

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