

**Brand-Rex Optical Cables - Universal MSU 01 and External MSE 01**  
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
4 - 24 Fibre	12.20	190 / 153	1500	122	183

**Product Part Numbering - MSU 01 - Universal**

	62.5/125	50/125	OM3	OM4	OS1/OS2
4 Fibre	HF 062 S4 W STA LU 4FT	HF 050 S4 W STA LU 4FT	HF OM3 S4 W STA LU 4FT	HF OM4 S4 W STA LU 4FT	HF 008 S4 W STA LU 4FT
8 Fibre	HF 062 S8 W STA LU 4FT	HF 050 S8 W STA LU 4FT	HF OM3 S8 W STA LU 4FT	HF OM4 S8 W STA LU 4FT	HF 008 S8 W STA LU 4FT
12 Fibre	HF 062 S12 W STA LU 4FT	HF 050 S12 W STA LU 4FT	HF OM3 S12 W STA LU 4FT	HF OM4 S12 W STA LU 4FT	HF 008 S12 W STA LU 4FT
16 Fibre	HF 062 S16 W STA LU 4FT	HF 050 S16 W STA LU 4FT	HF OM3 S16 W STA LU 4FT	HF OM4 S16 W STA LU 4FT	HF 008 S16 W STA LU 4FT
20 Fibre	HF 062 S20 W STA LU 4FT	HF 050 S20 W STA LU 4FT	HF OM3 S20 W STA LU 4FT	HF OM4 S20 W STA LU 4FT	HF 008 S20 W STA LU 4FT
24 Fibre	HF 062 S24 W STA LU 4FT	HF 050 S24 W STA LU 4FT	HF OM3 S24 W STA LU 4FT	HF OM4 S24 W STA LU 4FT	HF 008 S24 W STA LU 4FT

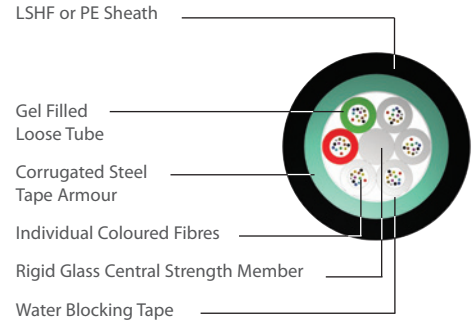
**Product Part Numbering - MSE 01 - External**

	62.5/125	50/125	OM3	OM4	OS1/OS2
4 Fibre	HF 062 S4 W STA NM 4FT	HF 050 S4 W STA NM 4FT	HF OM3 S4 W STA NM 4FT	HF OM4 S4 W STA NM 4FT	HF 008 S4 W STA NM 4FT
8 Fibre	HF 062 S8 W STA NM 4FT	HF 050 S8 W STA NM 4FT	HF OM3 S8 W STA NM 4FT	HF OM4 S8 W STA NM 4FT	HF 008 S8 W STA NM 4FT
12 Fibre	HF 062 S12 W STA NM 4FT	HF 050 S12 W STA NM 4FT	HF OM3 S12 W STA NM 4FT	HF OM4 S12 W STA NM 4FT	HF 008 S12 W STA NM 4FT
16 Fibre	HF 062 S16 W STA NM 4FT	HF 050 S16 W STA NM 4FT	HF OM3 S16 W STA NM 4FT	HF OM4 S16 W STA NM 4FT	HF 008 S16 W STA NM 4FT
20 Fibre	HF 062 S20 W STA NM 4FT	HF 050 S20 W STA NM 4FT	HF OM3 S20 W STA NM 4FT	HF OM4 S20 W STA NM 4FT	HF 008 S20 W STA NM 4FT
24 Fibre	HF 062 S24 W STA NM 4FT	HF 050 S24 W STA NM 4FT	HF OM3 S24 W STA NM 4FT	HF OM4 S24 W STA NM 4FT	HF 008 S24 W STA NM 4FT

**Fibre Selection Codes**

062 050 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**

**6 x 4 Fibres Per Tube Offering up to 24 Fibres**

**2.10mm Gel Filled Loose Tube**

**PRODUCT DESCRIPTION**

For applications where a higher tensile load is required versus that offered by unitube constructions, this product range offers a compact low fibre count direct burial grade cable. The product range consists of multiple 2.10mm loose tubes containing up to 4 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 provides additional crush resistance.

**PRODUCT PERFORMANCE**

Crush (N): 4000	Temp - Operation: -40°C to +70°C
Impact (Nm): 10	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