

Brand-Rex Optical Cables - Universal MSU 04 and MSE 04
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	14.70	258/210	3000	147	220

Product Part Numbering - MSU 04 - Universal

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

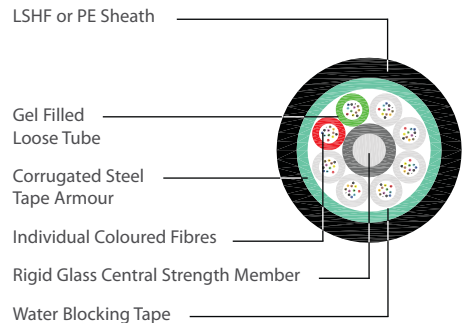
Product Part Numbering - MSE 04 - External

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

8 x 12 Fibres Per Tube Offering up to 96 Fibres

2.50mm Gel Filled Loose Tube

PRODUCT DESCRIPTION:

For direct burial applications, the single 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 steel tape armour provides 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