

Brand-Rex Optical Cables - Universal MSU 02 and MSE 02
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 - 72 Fibre	13.40	227/185	2000	134	201

Product Part Numbering - MSU 02 - Universal

	62.5/125	50/125	OM3	OS1/OS2
12 Fibre	HF 062 S12 W STA LU	HF 050 S12 W STA LU	HF OM3 S12 W STA LU	HF 008 S12 W STA LU
24 Fibre	HF 062 S24 W STA LU	HF 050 S24 W STA LU	HF OM3 S24 W STA LU	HF 008 S24 W STA LU
36 Fibre	HF 062 S36 W STA LU	HF 050 S36 W STA LU	HF OM3 S36 W STA LU	HF 008 S36 W STA LU
48 Fibre	HF 062 S48 W STA LU	HF 050 S48 W STA LU	HF OM3 S48 W STA LU	HF 008 S48 W STA LU
60 Fibre	HF 062 S60 W STA LU	HF 050 S60 W STA LU	HF OM3 S60 W STA LU	HF 008 S60 W STA LU
72 Fibre	HF 062 S72 W STA LU	HF 050 S72 W STA LU	HF OM3 S72 W STA LU	HF 008 S72 W STA LU

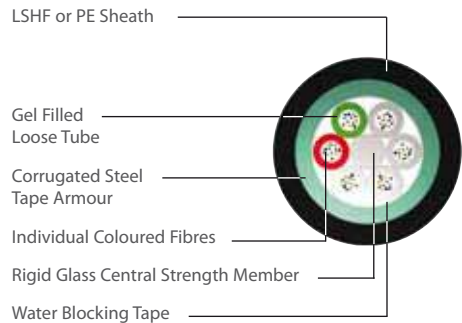
Product Part Numbering - MSE 02 - External

	62.5/125	50/125	OM3	OS1/OS2
12 Fibre	HF 062 S12 W STA NM	HF 050 S12 W STA NM	HF OM3 S12 W STA NM	HF 008 S12 W STA NM
24 Fibre	HF 062 S24 W STA NM	HF 050 S24 W STA NM	HF OM3 S24 W STA NM	HF 008 S24 W STA NM
36 Fibre	HF 062 S36 W STA NM	HF 050 S36 W STA NM	HF OM3 S36 W STA NM	HF 008 S36 W STA NM
48 Fibre	HF 062 S48 W STA NM	HF 050 S48 W STA NM	HF OM3 S48 W STA NM	HF 008 S48 W STA NM
60 Fibre	HF 062 S60 W STA NM	HF 050 S60 W STA NM	HF OM3 S60 W STA NM	HF 008 S60 W STA NM
72 Fibre	HF 062 S72 W STA NM	HF 050 S72 W STA NM	HF OM3 S72 W STA NM	HF 008 S72 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

6 x 12 Fibres Per Tube Offering up to 72 Fibres

2.50mm Gel Filled Loose Tube

PRODUCT DESCRIPTION:

For direct burial applications, the single sheathed product range offers up to 72 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