



Brand-Rex Optical Cables - Universal MSU 05 and External MSE 05
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
144-216 Fibre	19.00	352/303	2000	190	285

Product Part Numbering - MSU 05 - Universal

	62.5/125	50/125	OM3	OS1/OS2
156 Fibre	HF 062 S156 W STA LU	HF 050 S156 W STA LU	HF OM3 S156 W STA LU	HF 008 S156 W STA LU
168 Fibre	HF 062 S168 W STA LU	HF 050 S168 W STA LU	HF OM3 S168 W STA LU	HF 008 S168 W STA LU
180 Fibre	HF 062 S180 W STA LU	HF 050 S180 W STA LU	HF OM3 S180 W STA LU	HF 008 S180 W STA LU
192 Fibre	HF 062 S192 W STA LU	HF 050 S192 W STA LU	HF OM3 S192 W STA LU	HF 008 S192 W STA LU
204 Fibre	HF 062 S204 W STA LU	HF 050 S204 W STA LU	HF OM3 S204 W STA LU	HF 008 S204 W STA LU
216 Fibre	HF 062 S216 W STA LU	HF 050 S216 W STA LU	HF OM3 S216 W STA LU	HF 008 S216 W STA LU

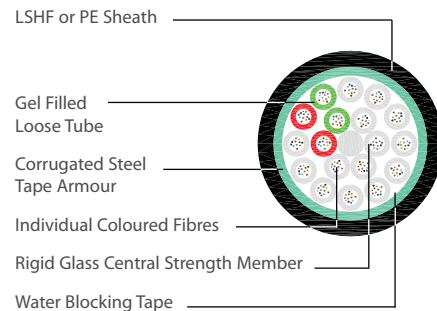
Product Part Numbering - MSE 05 - External

	62.5/125	50/125	OM3	OS1/OS2
156 Fibre	HF 062 S156 W STA NM	HF 050 S156 W STA NM	HF OM3 S156 W STA NM	HF 008 S156 W STA NM
168 Fibre	HF 062 S168 W STA NM	HF 050 S168 W STA NM	HF OM3 S168 W STA NM	HF 008 S168 W STA NM
180 Fibre	HF 062 S180 W STA NM	HF 050 S180 W STA NM	HF OM3 S180 W STA NM	HF 008 S180 W STA NM
192 Fibre	HF 062 S192 W STA NM	HF 050 S192 W STA NM	HF OM3 S192 W STA NM	HF 008 S192 W STA NM
204 Fibre	HF 062 S204 W STA NM	HF 050 S204 W STA NM	HF OM3 S204 W STA NM	HF 008 S204 W STA NM
216 Fibre	HF 062 S216 W STA NM	HF 050 S216 W STA NM	HF OM3 S216 W STA NM	HF 008 S216 W STA NM

Fibre Selection Codes

O62 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

18 x 12 Fibres Per Tube Offering up to 216 Fibres

2.50mm Gel Filled Loose Tube

PRODUCT DESCRIPTION:

For direct burial applications, the single sheathed product range offers up to 216 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 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