



Brand-Rex Optical Cables - UDU and UDE

Duct Grade Unitube Cables

Product Data

	Diameter mm	Weight (U)/(E) kg / km	Max Tensile Load N	Min Static Bend mm	Min Dynamic Bend mm
4 - 12 Fibre	5.8	37/28	1000	58	87
16 - 24 Fibre (2 x Bundles)	6.9	48/37	1000	69	104

Product Part Numbering - UDU - Universal

	62.5/125	50/125	OM3	OM4	OS1/OS2
4 Fibre	GF 062 UNI04 LU	GF 050 UNI04 LU	GF OM3 UNI04 LU	GF OM4 UNI04 LU	GF 008 UNI04 LU
6 Fibre	GF 062 UNI06 LU	GF 050 UNI06 LU	GF OM3 UNI06 LU	GF OM4 UNI06 LU	GF 008 UNI06 LU
8 Fibre	GF 062 UNI08 LU	GF 050 UNI08 LU	GF OM3 UNI08 LU	GF OM4 UNI08 LU	GF 008 UNI08 LU
12 Fibre	GF 062 UNI12 LU	GF 050 UNI12 LU	GF OM3 UNI12 LU	GF OM4 UNI12 LU	GF 008 UNI12 LU
16 Fibre (2 x Bundles)	GF 062 UNI16 LU	GF 050 UNI16 LU	GF OM3 UNI16 LU	GF OM4 UNI16 LU	GF 008 UNI16 LU
24 Fibre (2 x Bundles)	GF 062 UNI24 LU	GF 050 UNI24 LU	GF OM3 UNI24 LU	GF OM4 UNI24 LU	GF 008 UNI24 LU

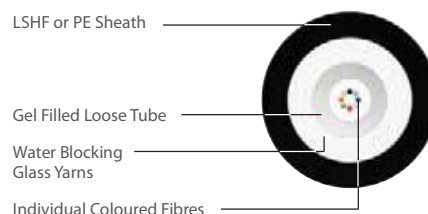
Product Part Numbering - UDE - External

	62.5/125	50/125	OM3	OM4	OS1/OS2
4 Fibre	GF 062 UNI04 NM	GF 050 UNI04 NM	GF OM3 UNI04 NM	GF OM4 UNI04 NM	GF 008 UNI04 NM
6 Fibre	GF 062 UNI06 NM	GF 050 UNI06 NM	GF OM3 UNI06 NM	GF OM4 UNI06 NM	GF 008 UNI06 NM
8 Fibre	GF 062 UNI08 NM	GF 050 UNI08 NM	GF OM3 UNI08 NM	GF OM4 UNI08 NM	GF 008 UNI08 NM
12 Fibre	GF 062 UNI12 NM	GF 050 UNI12 NM	GF OM3 UNI12 NM	GF OM4 UNI12 NM	GF 008 UNI12 NM
16 Fibre (2 x Bundles)	GF 062 UNI16 NM	GF 050 UNI16 NM	GF OM3 UNI16 NM	GF OM4 UNI16 NM	GF 008 UNI16 NM
24 Fibre (2 x Bundles)	GF 062 UNI24 NM	GF 050 UNI24 NM	GF OM3 UNI24 NM	GF OM4 UNI24 NM	GF 008 UNI24 NM

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. GFOM3PDC24LU becomes GFBM3PDC24LU.



Compact Water Blocked Design

Up to 24 Fibres

Level 1 Rodent Protection

Choice of Universal or External Sheath

PRODUCT DESCRIPTION

For building backbone applications, the duct grade unitube cable range has been designed to be lightweight and compact.

The 4-12 fibre product variants are constructed around a 2.90mm gel filled loose tube, whereas the 16-24 fibre variants use a 4.00mm loose tube.

PRODUCT PERFORMANCE

Crush (N):	Temp - Operation:
1500	-40°C to +70°C
Impact (Nm):	Temp - Storage:
3	-40°C to +70°C
Torsion (cycles):	Temp - Installation:
5	-10°C to +70°C
Fire:	Water Penetration:
IEC 60332-1 (UDU only)	<3m @ 24h

The mechanical performance of these cables complies with IEC60794-3-11 Tested in accordance with IEC 60794-1-2 unless stated