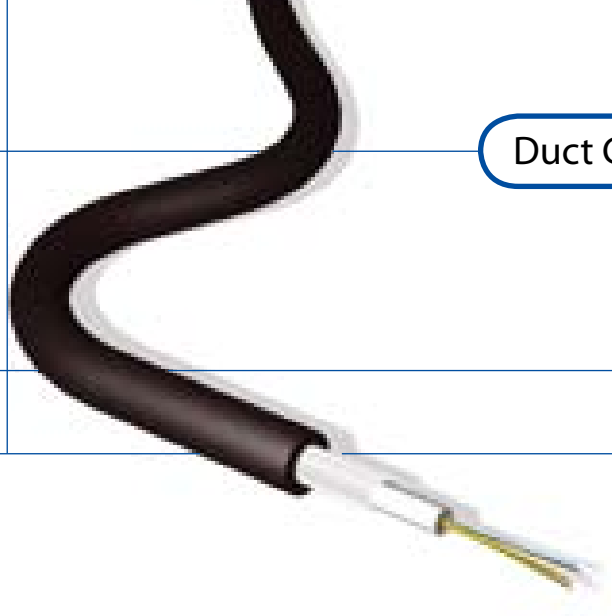

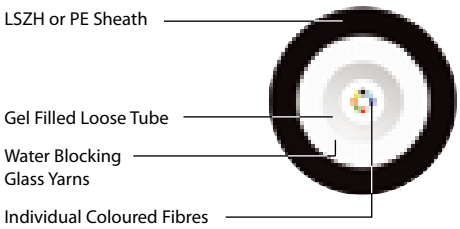

Brand-Rex Optical Cables - UDU and UDE

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	6.90	51/37	700	69	104
16 - 24 Fibre (2 x Bundles)	7.80	63/47	700	78	117

Compact Water Blocked Design
Up to 24 Fibres
Level 1 Rodent Protection
Choice of Universal or External Sheath

Product Part Numbering - UDU

	62.5/125	50/125	OM3	8/125
4 Fibre	HF 062 UNI4 LU	HF 050 UNI4 LU	HF OM3 UNI4 LU	HF 008 UNI4 LU
6 Fibre	HF 062 UNI6 LU	HF 050 UNI6 LU	HF OM3 UNI6 LU	HF 008 UNI6 LU
8 Fibre	HF 062 UNI8 LU	HF 050 UNI8 LU	HF OM3 UNI8 LU	HF 008 UNI8 LU
12 Fibre	HF 062 UNI12 LU	HF 050 UNI12 LU	HF OM3 UNI12 LU	HF 008 UNI12 LU
16 Fibre (2 x Bundles)	HF 062 UNI16 LU	HF 050 UNI16 LU	HF OM3 UNI16 LU	HF 008 UNI16 LU
24 Fibre (2 x Bundles)	HF 062 UNI24 LU	HF 050 UNI24 LU	HF OM3 UNI24 LU	HF 008 UNI24 LU

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 Part Numbering - UDE

	62.5/125	50/125	OM3	8/125
4 Fibre	HF 062 UNI4 NM	HF 050 UNI4 NM	HF OM3 UNI4 NM	HF 008 UNI4 NM
6 Fibre	HF 062 UNI6 NM	HF 050 UNI6 NM	HF OM3 UNI6 NM	HF 008 UNI6 NM
8 Fibre	HF 062 UNI8 NM	HF 050 UNI8 NM	HF OM3 UNI8 NM	HF 008 UNI8 NM
12 Fibre	HF 062 UNI12 NM	HF 050 UNI12 NM	HF OM3 UNI12 NM	HF 008 UNI12 NM
16 Fibre (2 x Bundles)	HF 062 UNI16 NM	HF 050 UNI16 NM	HF OM3 UNI16 NM	HF 008 UNI16 NM
24 Fibre (2 x Bundles)	HF 062 UNI24 NM	HF 050 UNI24 NM	HF OM3 UNI24 NM	HF 008 UNI24 NM

PRODUCT PERFORMANCE:

Crush (N):	Temp - Operation:
2000	-40°c to +70°c
Impact (Nm):	Temp - Storage:
15	-40°c to +70°c
Torsion (turns / m):	Temp - Installation:
5	-10°c to +70°c
Fire:	Water Penetration:
IEC 60332-1 (UDU only)	<3m @ 24h

Fibre Selection

062 H62 | 050 H50 | OM3 Z50 | 008 D08

Tested in accordance with IEC 60794-1-2 unless stated