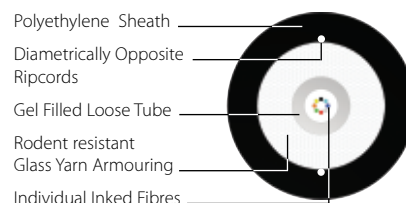
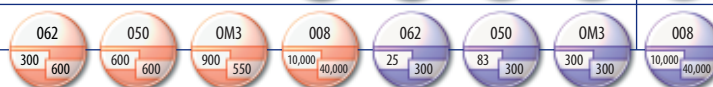


Optical Systems

MFOS



Compact Water Blocked Design.

**Glass Yarn Armouring
for Rodent Resistance.**

Up to 24 fibres.

Polyethylene Sheath.

PRODUCT DESCRIPTION:

For applications where protection from rodent attack is required the External URR product range offers rodent protection in the form of glass roving armour which deters rodents from chewing on optical cables. The External URR product range has a Polyethylene sheath making it suitable for external applications.

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):

2500

Impact (Nm):

25

Torsion (turns / m):

5

Temp - Operation:

-40°C to +70°C

Temp - Storage:

-40°C to +70°C

Temp - Installation

-10°C to +70°C

Water Penetration

<3m @ 24h

Millennium Optical Cables - External URR

External Glass Yarn Armoured Rodent Resistant Unitube Cable

Product Data

	Diameter mm	Weight kg / km	Max Tensile Load N	Min Static Bend mm	Min Dynamic Bend mm
4 Fibre	9.40	81	1500	94	141
6 Fibre	9.40	81	1500	94	141
8 Fibre	9.40	81	1500	94	141
12 Fibre	9.40	81	1500	94	141
16 Fibre (2 x Bundles)	11.00	114	2700	110	165
24 Fibre (2 x Bundles)	11.00	114	2700	110	165

Product Part Numbering

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