

Rodent resistant Multi Loose Tube Cable HFfffSxxW(E)NM

Datasheet #68899

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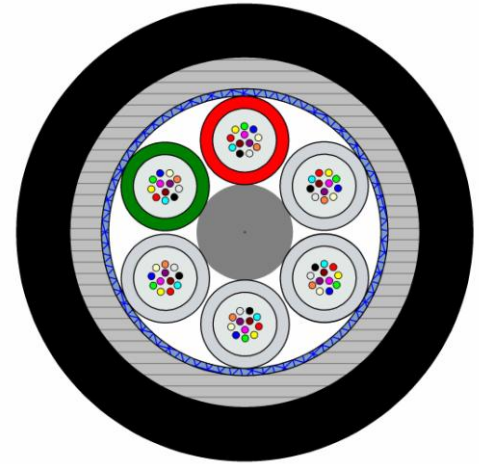


External multi-loose tube cable suitable for duct and direct burial with non-metallic rodent protection

Up to 72 fibres

Glass yarn rodent protection

Polyethylene sheath,



Physical Characteristics (Nominal)

Tube Diameter: 2.50 mm
Cable Diameter: 12.3 mm
Cable Weight: 137 kg/km

Description

Non-metallic RBG central strength member

Layer of stranded elements:-

Maximum 12 fibres per gel filled tube, plus solid fillers as necessary.

Dry interstices

Layer of tapes

Water blocking glass yarn armour / strength member

Polyethylene outer sheath

Performance Parameters

Maximum Tensile Load	3000N	IEC 60794-1-2-E1
Bend Radius Static	125 mm	IEC 60794-1-2-E11
Bend Radius Dynamic	195 mm	IEC 60794-1-2-E11
Maximum Crush Resistance	3000 N	IEC 60794-1-2-E3
Temperature Range Operational	-40°C to +70°C	IEC 60794-1-2-F1
Temperature Range Storage	-40°C to +70°C	IEC 60794-1-2-F1
Temperature Range Installation	-10°C to +70°C	IEC 60794-1-2-F1
Impact Resistance	25 Nm	IEC 60794-1-2-E4
Torsion	5 Turns ± 180°	IEC 60794-1-2-E7
Water Penetration	< 3 m @ 24 h	IEC 60794-1-2-F5

fff = Fibre Types

062

050

OM3

OM4

008

xx = Number of Fibre

Up to 72f Available

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Part Number

HFfffSxxW(E)NM

fibre type = fff xx = no. of fibres

Fibre Type** (size μm)	fff	Optical fibre	Cabled optical fibre Class
Multimode (62.5/125)	062	IEC 60793-2-10 A1b	OM1
Multimode (50/125)	050	IEC 60793-2-10 A1a.1	OM2
Multimode (50/125)	OM3	IEC 60793-2-10 A1a.2	OM3
Multimode (50/125)	OM4	IEC 60793-2-10 A1a.3	OM4
Singlemode (8*/125)	008	IEC 60793-2-50 B1.3 (ITU-T G.652 D)	OS1 and OS2 - Low Water Peak

* for descriptive use only, singlemode fibre is characterized by the mode field diameter, the core diameter is not specified

** the optical fibre specification is given in the main catalogue

Example print legend xxxxx BRAND-REX LTD OPTICAL FIBRE CABLE HF008S72W(E)NM [ID] [week/year]

Traceability

Year	Year of manufacture
[ID]	Batch number
xxxxx	Sequential metre mark

Ordering Information

Catalogue Number	Length (m)	Reel Size (Flange OD mmx width mm)	Weight (incl reel) (Kg/reel)	Reels per pallet (Euro Pallet)
HFfffSxxW(E)NM	2000	1200 x 600	411	THD*
	4000	1700 x 800	1861	THD*

All reels in conformance to ISPM15

*THD = Timber Heavy Duty Reel, non palletised