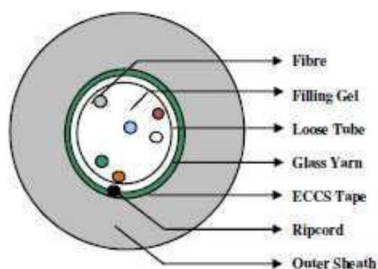


Central Loose Tube, MM, Gel-filled, ECCS Armour, HDPE, 01 x 06 fibers OM3



SCOPE OF SUPPLY

6F Multi Mode (MM) G50/125.OM3

GENERAL DESCRIPTION

The outdoor cable for applications in harsh conditions. It contains a central gel-filled loose tube (PBT) of a diameter of 3.0 ± 0.1 mm. The outer sheath is made of a 0.150 mm ECCS tape armor plus 2.0mm HDPE sheath. It consists of one RIP cord

Sheath: HDPE, black.

Fiber: Multi Mode (MM) G50/125.

Weight

85.0 ± 10 Kg/Km

STANDARDS

IEC 60794-1-2 E1; IEC 60794-1-2 E11; IEC 60794-1-2 E3; IEC 60794-1-2 F1; IEC 60794-1-2 E4; IEC 60794-1-2 E7; IEC 60794-1-2 E10

TECHNICAL DATA

Cable Class	Loose Tube
Peripheral Strength Member	Glass Yarn
Number of Fiber per Tube	1
Number of Loose Tube	6
Number of Ripcords	2, Polyester
Fiber Class	OM3
Cable Jacket Characteristics	Cable, Water-tight
Cable Protection	ECCS tape
Cable Jacket Material	HDPE - Black
Cable Overall Diameter	$9.5. \pm 0.5$ Mm
Conductor Type	Multi Loose Tube, Gel-Filled
Fiber /Conductor Diameter	50 Mm (OM3)
Fiber Type	Multi Mode (MM)
Tensile Strength	800 N
Crush Resistance	2000 N/M2
Torsion	± 180
Minimum Bending Radius	20 X D
Installation Temperature	-20° C To +70° C
Operation Temperature	-20° C To +70° C
Storage Temperature	-20° C To +70° C

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Length (Meter)	2000±10%
Dimensional And Mechanical Properties	
Cladding Diameter (µm)	50.0 ± 2.5
Cladding Diameter	125.0 ± 1.0
Cladding Non-Circularity	≤ 1.0
Core Non-Circularity	≤ 5%
Core-Cladding Concentricity Error	≤ 1.5
Primary Coating Diameter – Un Coloured	242 ± 7
Primary Coating Diameter - Coloured	250 ± 15
Primary Coating Non-Circularity	≤ 5
Primary Coating-Cladding Concentricity Error	≤ 10
Proof Stress Level	≥ 0.7 (≈ 1 %) GPA
Typical Average Strip Force	1.7 N
Strip Force (Peak)	1.0 ≤ F _{peak Strip} ≤ 8.9N

PRODUCT-NO	PRODUCT DESCRIPTION	PU
R196701	Central Loose Tube, MM, Gel-filled, ECCS Armour, HDPE, 01 x 06 fibers OM3	