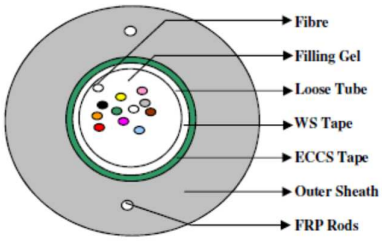
Product information

12F Single Mode, G.657A1, Uni tube, ECCS Armored, HDPE Outdoor Cable, Black

R196785

2000m



The outdoor cable for cable trays and supply ducts. The design is a central gel-filled loose tube of a diameter of 2.5 ± 0.1 mm for 12 fibers. 0.150 mm ECCS armoring provides the cable's rodent protection. Outer sheath is made up of HDPE 1.8 mm (Nominal) for harsh environments.

Sheath: HDPE, Black.

Fiber: Single mode (SM) E9/125.

Similar product

Technical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Standard	IEC 60794-1-2 E11 IEC 60794-1-2 E3 IEC 60794-1-2 F1 IEC 61034 IEC 60754-2 ITU-T G.657A1 IEC 60793-2-50:2004, B 1.3 IEC 60794-1-2 E1
Cable type	Loose Tube
Outer Sheath	HDPE - 1.8 mm (Nominal), Black
Outer jacket material	Cable, water tight Polyethylene, metal free
Armour	ECCS Tape, 0.150 mm
Cable overall diameter	8.5 ± 0.5 mm
Peripheral Strength Member	1.0 ± 0.05 mm FRP Rods - 2 nos.
Fiber type	Single mode (SM)
Fiber class	G.657A1 (OS2)
Fiber Count	12
Conductor type	Loose tube, Gel filled
Fiber diameter	E9 / 125 µm
Tensile Strength	1000 N
Crush Resistance	2000N/cm
Moisture Barrier	Water Swellable Tape
Torsion	± 180 ^{0}
Minimum Bend Radius	20 x D: Installation; 10 x D: Operation
Temperature Installation	- 20 ^{0}C to + 60 ^{0}C
Temperature Operation	- 20 ^{0}C to + 60 ^{0}C
Temperature Storage	- 20 ^{0}C to + 60 ^{0}C
Impact Strength	1.6 N.m, 2000 impacts
Product code description	Central Loose Tube-ECCS Armored- HDPE Cable-12F-G657A1

Mechanical Data

DESCRIPTION [UNIT]	VALUE/VALUE RANGE
Cable length	2000.0 m ± 10%
Color	Black
Cable Weight	75.0 kg/km (Nominal)