

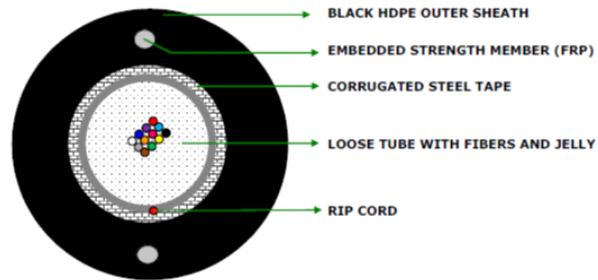
Honeywell

SM(OS2) FIBER CABLE UNITUBE ARMORED HDPE/ LSZH SHEATH

HONEYWELL Fiber optic cable single mode armored Unitube design is suitable for Outdoor network connectivity. Unitube design has Thixotropic jelly inside to prevent water ingress in loose tube. Two FRP rods as embedded strength members provide excellent tensile strength.

Features

- Single Mode OS2 Outdoor Fiber
- Unitube Armored Design
- 6 Fiber and 12 Fiber Cores
- Single HDPE/LSZH Sheath
- Preform Corning Core Inside
- Excellent Optical and Mechanical Properties



Technical Specifications

FIBER	
Single Mode Optical Fiber	SM (OS2) ITU.T - G.652D
Maximum Cabled Fiber Attenuation dB/Km	1310nm : < 0.36 ; 1550nm : < 0.23
LOOSE TUBE	
Filling Jelly	Thixotropic Jelly To Prevent Water Ingress In Loose Tube
Tube 1 No.	Thermoplastic Material (PBT)
CABLE	
Embedded Strength Member 2 Nos.	FRP To Provide Tensile Strength
Rip Cord	Polyester Based Yarns Below Armor Tape For Easy Ripping
Armour	Corrugated ECCS Tape
Outer Sheathing	Black HDPE 2.0 mm Nominal Thickness

OPTICAL FIBRE CABLE PERFORMANCE

MECHANICAL (Test Standard - IEC 60794-1-2)		ENVIRONMENTAL (Test Standard IEC 60794-1-2)	
Tensile Strength, Method E1 500N		*Temp, Performance, Method F1	
Bend Radius, Method E11 20 D	Crush, Method E3 1000N/100mm	Installation	-10°C to +60°C
-During Installation 20 D	Impact, Method E4 25Nm	Operation	-30°C to +70°C
-After Installation 10 D	Torsion, Method E7 ±180°	Storage	-30°C to +70°C

Tests shall be carried out as per IEC Standards, Change in attenuations shall be <0.5dB/km.*Max. change in attenuation shall be </=0.15dB/km

PHYSICAL DETAILS

Fibre Count	Fibre Per Tube	No of Tube	Tube Color	Sheath Color	Fibre Color	Diameter of Cable	Weight of Cable	Cable Length in one reel
Numbers	Numbers	Numbers				(mm)+/0.5	(kg/km) +/-10%	(Kilometers) +/-10%
6	6	1	Any Color	Black	Black, Orange, Green, Brown, Slate, White.	7.5	60	2
12	12	1	Any Color	Black	Black, Orange, Green, Brown, Slate, White, Red Black, Yellow, Violet, Pink, Aqua	7.5	60	2

www.honeywellconnection.com

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FIBER



Ordering Information (Part Codes And Description)

No.	Part Code	Description
1	HC001101/FBR/SM/UT/OD/ARM/HD/6F	SM Fiber Cable 6F Unitube Armoured HDPE Sheath
2	HC001102/FBR/SM/UT/OD/ARM/HD/12F	SM Fiber Cable 12F Unitube Armoured HDPE Sheath
3	HC001104/FBR/SM/UT/OD/ARM/LS/6F	SM Fiber Cable 6F Unitube Armoured LSZH Sheath
4	HC001105/FBR/SM/UT/OD/ARM/LS/12F	SM Fiber Cable 12F Unitube Armoured LSZH Sheath

History

Rev. 1.0, July 2020

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