

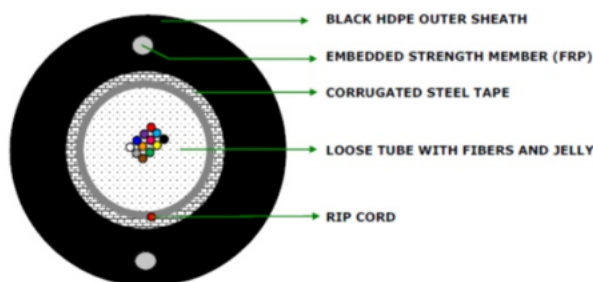
Honeywell

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	2700 N	*Temp, Performance, Method F1	
Compression Strength	4400 N		
Bend Radius, Method E11	Crush, Method E3 1000N/100mm	Installation	-10°C to +60°C
-During Installation	20 D	Impact, Method E4	25Nm
-After Installation	10 D	Torsion, Method E7	±180°
Storage			-30°C to + 70°C
Cable Retention Strength	2 lb (max) at 90°C and 5lb (max) at 0°C		
Dispersion:	18 ps (nm-km) at 1550 nm 3.5 ps(nm-km) 1285 nm to 1330 nm		
Index of Refraction	1.47 @ 1310 nm, 1.48 @ 1385 nm to 1550 nm		
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			

www.honeywellconnection.com

The Honeywell trademark is used under license from Honeywell International Inc. Honeywell International Inc. makes no representation or warranties with respect to this product. This product is manufactured by Secure Connection Limited, Hong Kong. All trade names are registered trademarks of respective manufacturers listed. ©2019 Secure Connection Ltd., Hong Kong. All rights reserved

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.	9.0	60	2
12	12	1	Any Color	Black	Black, Orange, Green, Brown, Slate, White, Red Black, Yellow, Violet, Pink, Aqua	9.0	60	2



FIBER



Ordering Information (Part Codes And Description)

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

All Cables are manufactured and tested in accordance with ANSI/TIA-568-C.3, ANSI/ICEA S-83-596, ITU-T G652.D and Telcordia GR-409 standards and comply to the same.

History

Rev. 1.0, July 2020

www.honeywellconnection.com

The Honeywell trademark is used under license from Honeywell International Inc. Honeywell International Inc. makes no representation or warranties with respect to this product. This product is manufactured by Secure Connection Limited, Hong Kong. All trade names are registered trademarks of respective manufacturers listed. ©2019 Secure Connection Ltd., Hong Kong. All rights reserved