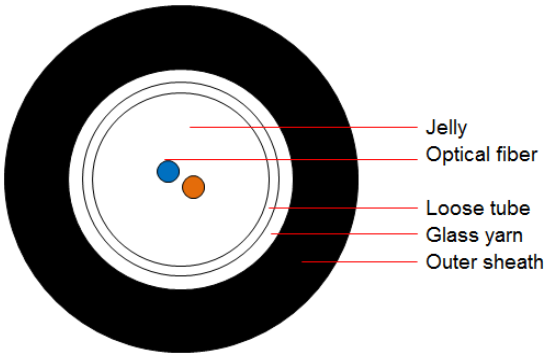
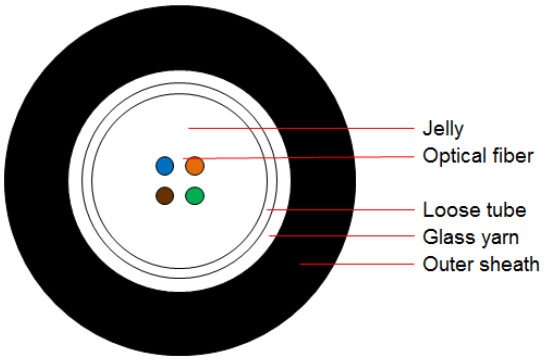
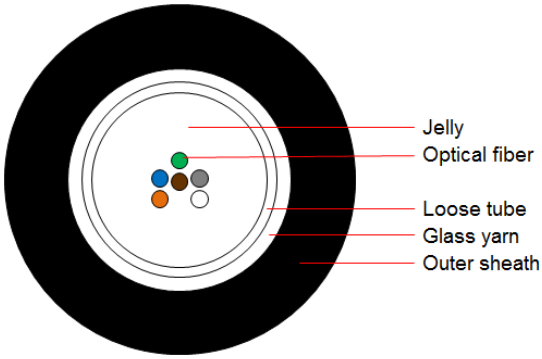
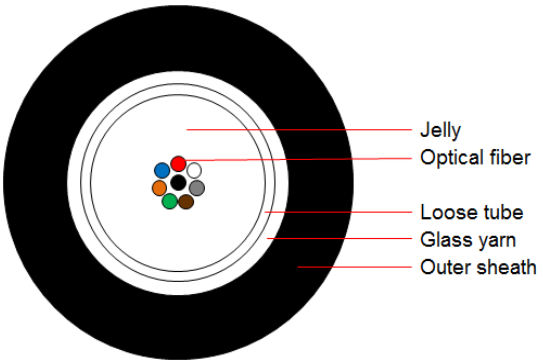
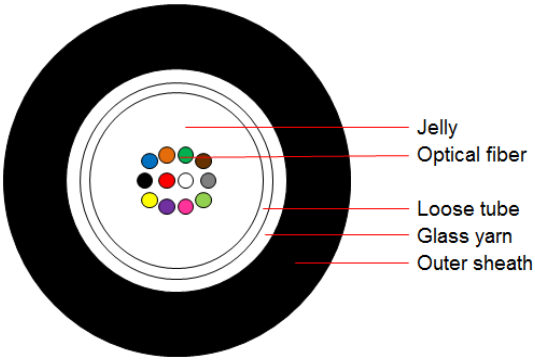
superiOrtec Dielectric Fiber Cable is suitable for Outdoor Applications. Outer Jacket is made of Polyethylene (PE). It has Jelly-Filled and Glass Yarn to act as water absorbent and rodent protection

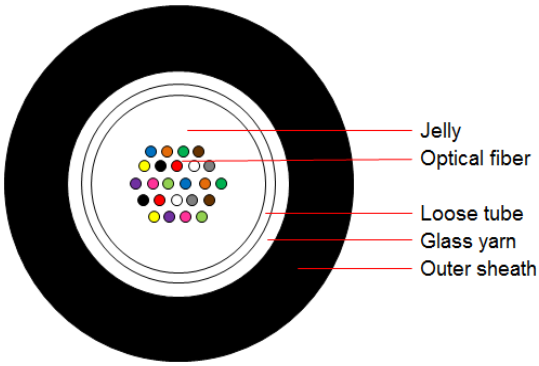












GENERAL SPECIFICATION	
Application	Duct
Cable Tube Type	Loose Tube
Product Type	Dielectric Armour
Environment	Outdoor
Fiber Category	Singlemode (OS2)

FIBER COLOR CODE / UNITUBE

1	2	3	4	5	6
Blue	Orange	Green	Brown	Grey	White
7	**8**	**9**	**10**	**11**	**12**
Red	Black	Yellow	Violet	Pink	Aqua
13	**14**	**15**	**16**	**17**	**18**
Blue S100	Orange S100	Green S100	Brown S100	Grey S100	White S100
19	**20**	**21**	**22**	**23**	**24**
Red S100	Nature S100	Yellow S100	Purple S100	Pink S100	Aqua S100

Note: S100 means interval of 100mm black circle.

CABLE DESIGN / STRUCTURE

Reinforced Element	Glass Yarn

No. of Fibers	Count	2	4	6	8	12	24
No. of Fibers per Tube	Count	2	4	6	8	12	24
Tube Diameter (Nominal)	mm	3.0					3.6
Cable Diameter (±5%)	mm	6.9					7.4
Cable Weight (±5%)	Kg/km	40					46
Short Term Tension	N	1000					
Short Term Crush	N/100mm	1000					
Min. Bending Radius for Installation (Static)		10 X Cable Diameter					
Min. Bending Radius for Installation (Dynamic)		20 X Cable Diameter					

TEMPERATURE RANGE

Installation Temperature	-30˚C to +60˚C
Operation Temperature	-30˚C to +70˚C

Storage Temperature	-30˚C to +70˚C
CHARACTERISTIC OF OPTICAL FIBER	
G.652.D Fiber Information:	
Mode Field Diameter (1310nm)	9.2μm ± 0.4μm
Mode Field Diameter (1550nm)	10.4μm ± 0.5μm
Cut Off Wavelength of Cabled Fiber (λcc):	≤1260nm
Attenuation at 1310nm	≤0.36dB/km
Attenuation at 1550nm	≤0.22dB/km
Bending Loss at 1550nm (10 Turns, 15mm Radius)	≤0.05dB
Dispersion in the range 1288 to 1339nm	≤3.5ps/ (nm•km)
Dispersion at 1550nm	≤18ps/ (nm•km)
Dispersion Slope at Zero Dispersion Wavelength	≤0.092ps/ (nm^2•km)

ORDERING INFORMATION	
A01UT01X02B	superiOrtec OUTDOOR SINGLE MODE UNITUBE DIELECTRIC, 02-CORE SM, G.652D, PE JACKET
A01UT01X04B	superiOrtec OUTDOOR SINGLE MODE UNITUBE DIELECTRIC, 04-CORE SM, G.652D, PE JACKET
A01UT01X06B	superiOrtec OUTDOOR SINGLE MODE UNITUBE DIELECTRIC, 06-CORE SM, G.652D, PE JACKET
A01UT01X08B	superiOrtec OUTDOOR SINGLE MODE UNITUBE DIELECTRIC, 08-CORE SM, G.652D, PE JACKET
A01UT01X12B	superiOrtec OUTDOOR SINGLE MODE UNITUBE DIELECTRIC, 12-CORE SM, G.652D, PE JACKET
A01UT01X24B	superiOrtec OUTDOOR SINGLE MODE UNITUBE DIELECTRIC, 24-CORE SM, G.652D, PE JACKET