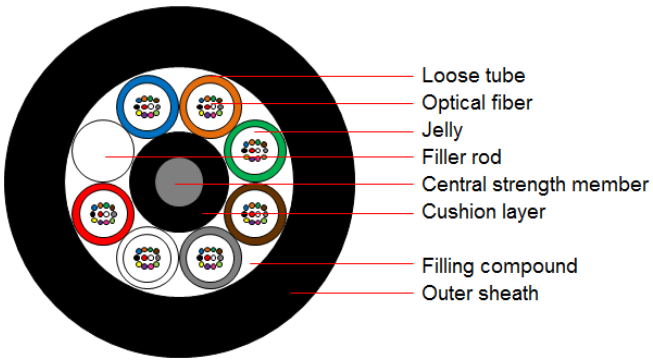
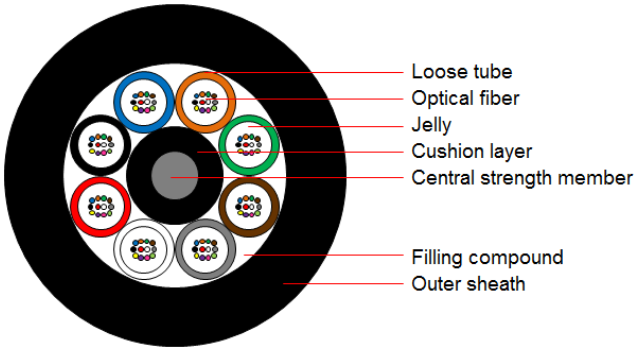
OUTDOOR ARMOUR DIELECTRIC MULTITUBE FIBER CABLE LOOSE TUBE 84 TO 96 FIBER COUNT, SINGLE PE JACKET

P/N: A0MT00XMMY

superiOtec Dielectric Fiber Cable is suitable for Outdoor Applications. Outer Jacket is made of Polyethylene (PE). Each tube has Jelly-Filled with Filler Rod and Central Strength Member with cushion layer made from non-metallic elements, 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 / TUBE

1	2	3	4	5	6
Blue	Orange	Green	Brown	Grey	White
7	**8**	**9**	**10**	**11**	**12**
Red	Black	Yellow	Violet	Pink	Aqua

CABLE DESIGN / STRUCTURE

Central Element	Dielectric with Cushion Layer

No. of Fibers	Count	**84**	**96**
No. of Fibers per Tube	Count	12	12

No. of Elements / Tube Positions	Count	8	8
No. of Active Elements / Tube Positions	Count	7	8
No. of Filling Elements	Count	1	0
Cable Diameter (±5%)	mm	11.9	
Cable Weight (±5%)	Kg/km	125	
Short Term Tension	N	1500	
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	-10˚C to +60˚C
Operation Temperature	-40˚C to +70˚C
Storage Temperature	-40˚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	
A08MT07X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE DIELECTRIC, (7x12) 84-CORE SM, G.652D, SINGLE PE JACKET
A08MT08X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE DIELECTRIC, (8x12) 96-CORE SM, G.652D, SINGLE PE JACKET
NN:	No. of Tubes (1 to 12)
MM:	No. of Fibers (84 & 96)
Y:	**Fiber Type** **B:** SM G.652D **C:** SM G.657.A2 **D:** OM1 62.5/125μm **E:** OM2 50/125μm **F:** OM3 50/125μm **I:** OM4 50/125μm