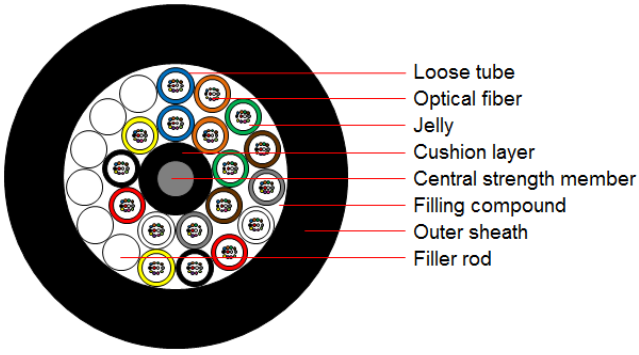
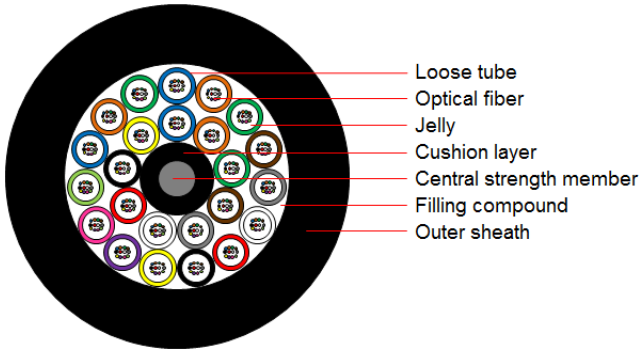
OUTDOOR ARMOUR DIELECTRIC MULTITUBE FIBER CABLE LOOSE TUBE 216 TO 288 FIBER COUNT, SINGLE PE JACKET

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	**216**	**228**	**240**	**252**	**264**	**276**	**288**
No. of Fibers per Tube	Count	12	12	12	12	12	12	12

No. of Elements / Tube Positions	Count	9+15	9+15	9+15	9+15	9+15	9+15	9+15
No. of Active Elements / Tube Positions	Count	18	19	20	21	22	23	24
No. of Filling Elements	Count	6	5	4	3	2	1	0
Cable Diameter (±5%)	mm	17.1						
Cable Weight (±5%)	Kg/km	245						
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	
A08MT18X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE DIELECTRIC, (18x12) 216-CORE SM, G.652D, SINGLE PE JACKET
A08MT19X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE DIELECTRIC, (19x12) 228-CORE SM, G.652D, SINGLE PE JACKET
A08MT20X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE DIELECTRIC, (20x12) 240-CORE SM, G.652D, SINGLE PE JACKET
A08MT21X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE DIELECTRIC, (21x12) 252-CORE SM, G.652D, SINGLE PE JACKET
A08MT22X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE DIELECTRIC, (22x12) 264-CORE SM, G.652D, SINGLE PE JACKET
A08MT23X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE DIELECTRIC, (23x12) 276-CORE SM, G.652D, SINGLE PE JACKET
A08MT24X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE DIELECTRIC, (24x12) 288-CORE SM, G.652D, SINGLE PE JACKET