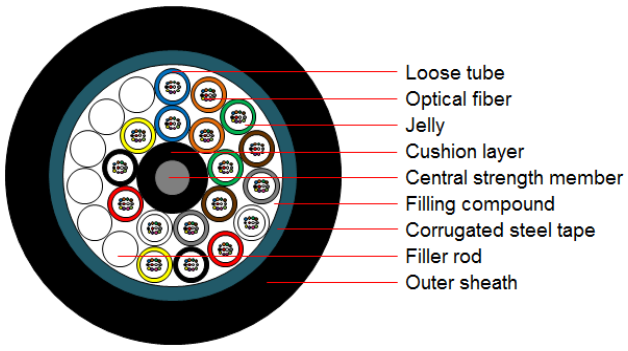
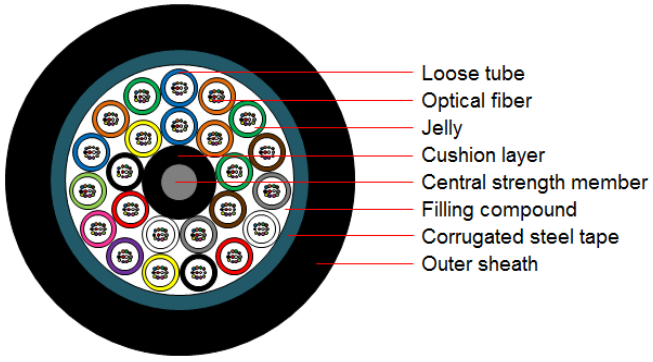
OUTDOOR ARMOUR (CST) MULTITUBE FIBER CABLE LOOSE TUBE 216 TO 288 FIBER COUNT, SINGLE PE JACKET

P/N: A10MT00XMMY

superiOtec CST Corrugated Steel Tape Fiber Cable is design for Outdoor Applications. Outer Jacket is made of Polyethylene (PE). each tube has Jelly-Filled with Filler Rod. Central Strength Member made from metallic elements, CST & Glass Yarn to act as water absorbent and rodent protection.





GENERAL SPECIFICATION	
Application	Duct & Direct Buried
Cable Tube Type	Loose Tube
Product Type	Corrugated Steel Tape 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	Metallic with Cushion Layer
Outer Jacket Material	Polyethylene (PE)

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	16.5						
Cable Weight (±5%)	Kg/km	295						
Short Term Tension	N	2000						
Short Term Crush	N/100mm	1500						
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	
A10MT18X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE (CST) CORRUGATED STEEL, (18x12) 216-CORE SM, G.652D, SINGLE PE JACKET
A10MT19X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE (CST) CORRUGATED STEEL, (19x12) 228-CORE SM, G.652D, SINGLE PE JACKET
A10MT20X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE (CST) CORRUGATED STEEL, (20x12) 240-CORE SM, G.652D, SINGLE PE JACKET
A10MT21X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE (CST) CORRUGATED STEEL, (21x12) 252-CORE SM, G.652D, SINGLE PE JACKET
A10MT22X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE (CST) CORRUGATED STEEL, (22x12) 264-CORE SM, G.652D, SINGLE PE JACKET
A10MT23X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE (CST) CORRUGATED STEEL, (23x12) 276-CORE SM, G.652D, SINGLE PE JACKET
A10MT24X12B	superiOrtec OUTDOOR SINGLE MODE MULTITUBE (CST) CORRUGATED STEEL, (24x12) 288-CORE SM, G.652D, SINGLE PE JACKET