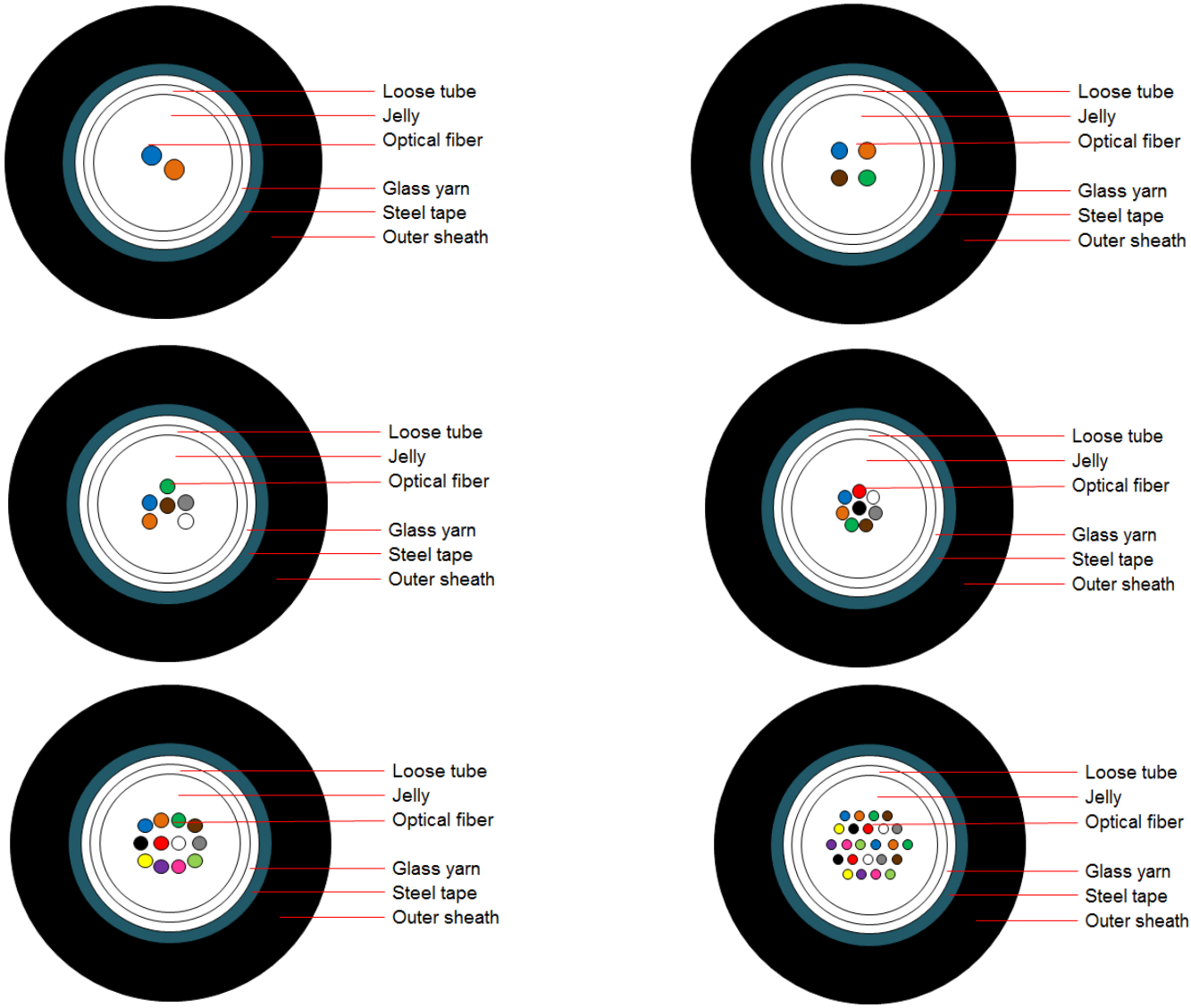
OUTDOOR ARMOUR (CST) UNITUBE FIBER CABLE LOOSE TUBE 2 TO 24 FIBER COUNT, SINGLE PE JACKET

P/N: A02UT00XMMY

superiOtec CST Corrugated Steel Tape Fiber Cable is design for Outdoor Applications. Outer Jacket is made of Polyethylene (PE). It has Jelly-Filled, 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 / 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	Corrugated Steel Tape
Outer Jacket Material	Polyethylene (PE)

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	8.4					8.9
Cable Weight (±5%)	Kg/km	70					79
Short Term Tension	N	600					
Short Term Crush	N/100mm	1000					
Min. Bending Radius for Installation (Static)		15 X Cable Diameter					
Min. Bending Radius for Installation (Dynamic)		20 X Cable Diameter					

TEMPERATURE RANGE

Installation Temperature	-30˚C to +70˚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	
A02UT01X02B	superiOrtec OUTDOOR SINGLE MODE UNITUBE (CST) CORRUGATED STEEL ARMORED, 02-CORE SM, G.652D, SINGLE PE JACKET
A02UT01X04B	superiOrtec OUTDOOR SINGLE MODE UNITUBE (CST) CORRUGATED STEEL ARMORED, 04-CORE SM, G.652D, SINGLE PE JACKET
A02UT01X06B	superiOrtec OUTDOOR SINGLE MODE UNITUBE (CST) CORRUGATED STEEL ARMORED, 06-CORE SM, G.652D, SINGLE PE JACKET
A02UT01X08B	superiOrtec OUTDOOR SINGLE MODE UNITUBE (CST) CORRUGATED STEEL ARMORED, 08-CORE SM, G.652D, SINGLE PE JACKET
A02UT01X12B	superiOrtec OUTDOOR SINGLE MODE UNITUBE (CST) CORRUGATED STEEL ARMORED, 12-CORE SM, G.652D, SINGLE PE JACKET
A02UT01X24B	superiOrtec OUTDOOR SINGLE MODE UNITUBE (CST) CORRUGATED STEEL ARMORED, 24-CORE SM, G.652D, SINGLE PE JACKET