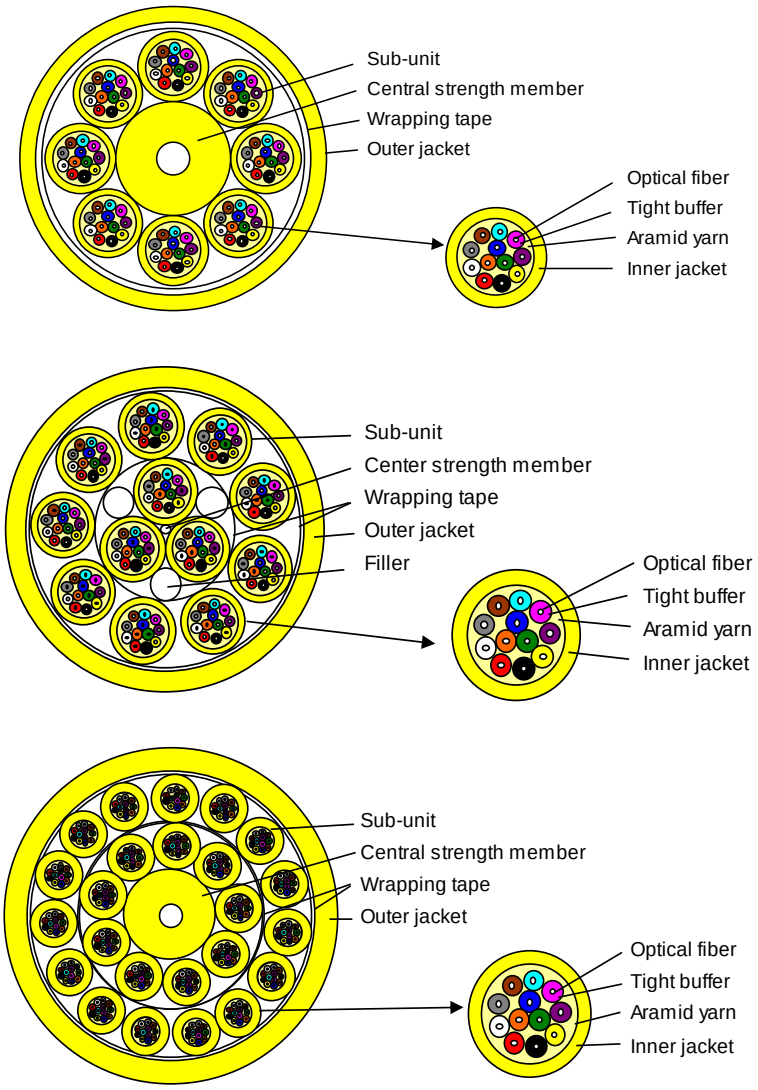
superiOrtec Multi Buffer Fiber Cable is suitable for Indoor Applications. Outer Jacket is made of Low Smoke Zero Halogen (LSZH). It has Aramid Yard acting as a Strength Member with FRP Central Strength Member.



GENERAL SPECIFICATION	
Application	Vertical Riser, General Purpose Horizontal, Indoor Horizontal & General Building Applications
Cable Tube Type	Tight Buffered
Product Type	Dielectric
Environment	Indoor
Fiber Category	Singlemode or Multimode (Please refer to Ordering information)

FIBER COLOR CODE / SUBUNIT

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/black tracer.

CABLE DESIGN / STRUCTURE

Strength Member	Aramid Yarn / Wrapping Tape
Central Strength Member	FRP covered with jacket
Buffer & Jacket Material	LSZH
Flame Retardant	IEC 60332-3

No. of Fibers	Count	**96**	**144**	**288**
No. of Fibers per Subunit	Count	12	12	12
No. of Subunit	Count	8	12	24
Tight Buffer Diameter	mm	0.9±0.05	0.9±0.05	0.6±0.05
Sub-Unit Diameter	mm	5.5±0.2	5.5±0.2	4.5±0.2
Tight Buffer Color	Color	BLUE, ORANGE, GREEN, BROWN, GRAY, WHITE, RED, BLACK, YELLOW, VIOLET, PINK, AQUA	BLUE, ORANGE, GREEN, BROWN, GRAY, WHITE, RED, BLACK, YELLOW, VIOLET, PINK, AQUA	BLUE, ORANGE, GREEN, BROWN, GRAY, WHITE, RED, BLACK, YELLOW, VIOLET, PINK, AQUA
Cable Diameter	mm	23.2±0.8	26.5±0.8	31.0±0.8
Cable Weight (Approx.)	Kg/km	465.0	530.0	800.0
Short Term Tension	N	2500	2500	3000

Short Term Crush	N/100mm	1000	1000	1000
Min. Bending Radius for Installation (Static)		10 X Cable Diameter		
Min. Bending Radius for Installation (Dynamic)		20 X Cable Diameter		

TEMPERATURE RANGE	
Operation Temperature	-30˚C to +70˚C