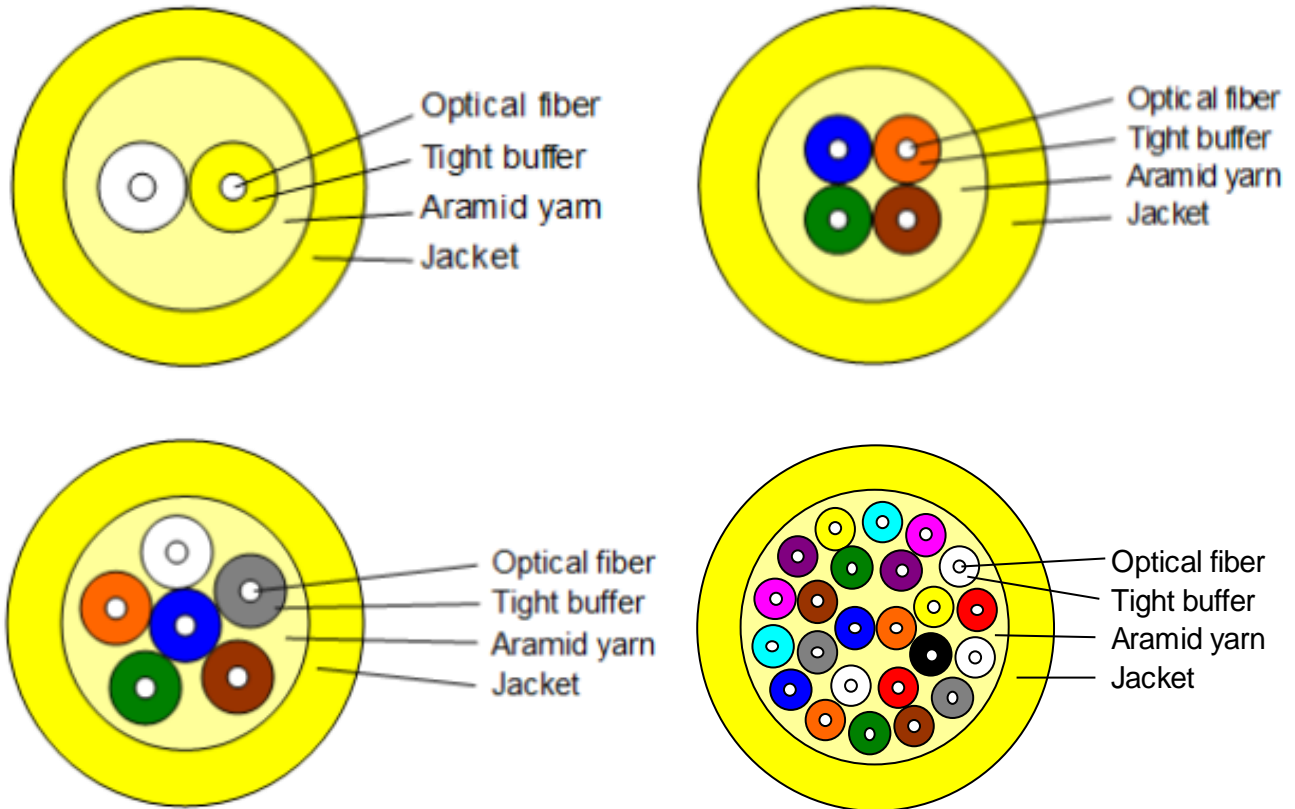


superiOrtec Tight Buffer Fiber Cable is suitable for Indoor Applications. Outer Jacket is made of Low Smoke Zero Halogen (LSZH). It has Aramid Yarn to Strengthen the Cable.



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

FIBER COLOR CODE / JACKET					
1	2	3	4	5	6
Blue	Orange	Green	Brown	Grey	White
7	8	9	10	11	12

Red	Black	Yellow	Violet	Pink	Aqua
<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>
Blue S100	Orange S100	Green S100	Brown S100	Grey S100	White S100
<b>19</b>	<b>20</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>24</b>
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
Buffer & Jacket Material	LSZH
Flame Retardant	IEC 60332-3

No. of Fibers	Count	2	4	6	8	12	24
No. of Fibers per Jacket	Count	2	4	6	8	12	24
Tight Buffer Diameter	mm	0.9±0.05	0.9±0.05	0.9±0.05	0.9±0.05	0.9±0.05	0.9±0.05
Jacket Thickness	mm	0.45±0.05	0.8±0.01	0.9±0.01	0.9±0.01	0.9±0.01	1.0±0.1
Cable Diameter	mm	3.6±0.2	4.7±0.2	5.2±0.2	5.7±0.2	6.3±0.2	8.2±0.2
Cable Weight (Approx.)	Kg/km	9.5	20.0	26.0	32.0	36.0	59.0
Short Term Tension	N	450	800	800	800	800	1320
Short Term Crush	N/100mm	500	1000	1000	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
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