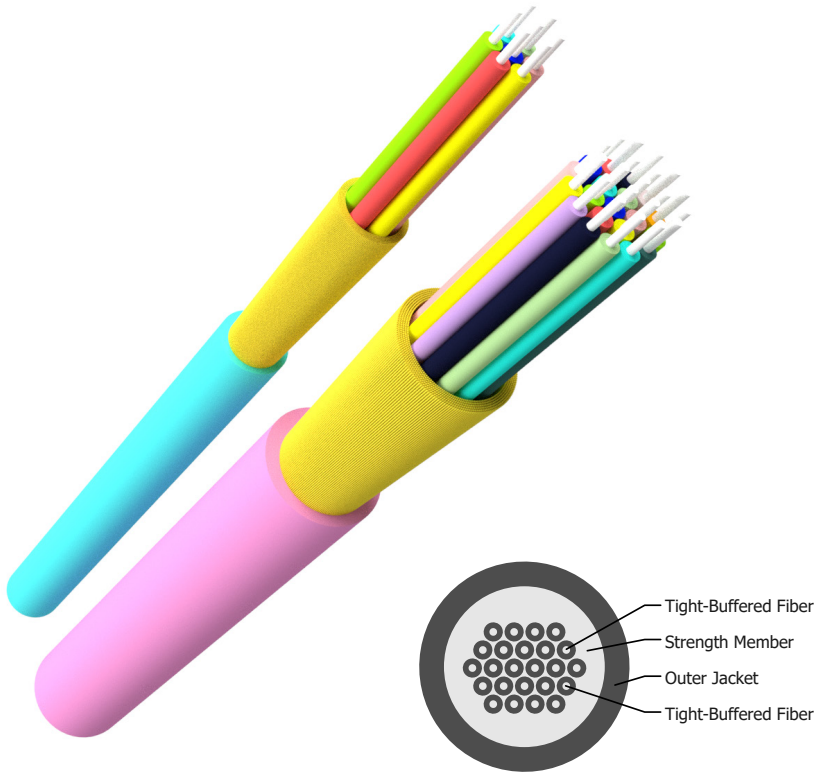




Fibre Optic Cable

Tight-Buffered Distribution Cable

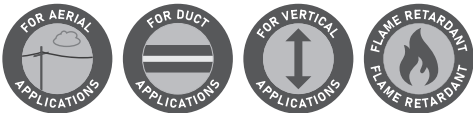


Product Description

In distribution cable (tight buffer) the fibres are bundled together, with an outer cable jacket of the cable protecting them. The buffered fibre in distribution cable is 900µm, which is smaller in size and costs less than breakout cable. Distribution cable is usually installed in intra-building backbone and inter-building campus locations.

Features & Benefits

- Easy to strip with low attenuation
- Lightweight small outer diameter
- Aramid yarn strength members for high tensile strength
- Water resistant
- Available with double sheathing
- PE and flame-retardant LSZH jacket options
- UL, CE, RoHS, ISO9001
- G.652, G.655 or 6.657 single-mode fibre. A1a or A1b, OM3 or OM4 multi-mode fibre and other types of fibre
- 2-24 core single-mode or multimode tight-buffer fibre



Applications

- Access Network
- Telecom/CATV Systems
- FTTX

Technical Specifications

Fibre Count	4	6	8	12	16	24
Outer Sheath	PE, LSZH, PVC					
Outer Diameter (mm)	4.8±0.2	5.2±0.2	6.2±0.2	6.8±0.2	7.4±0.4	8.2±0.4
Nominal Weight (kg/km)	19	23	29	38	48	60
Max Tensile Strength (N)	90-270	110-330	160-480	200-600	220-660	240-720
Mini Bend Radius (mm)	10-20D					
Tight-buffered Fibre with Colour Ring	Dimension: 850µm±50µm					
Colours	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Purple, Pink, Aqua					
Tension (Long Term)	100N					
Tension (Short Term)	300N					
Max Crush Resistance (N/100mm2)	1000					
Operating Temp. (°C)	-20 to +60					

Ordering information on page 2.





Fibre Optic Cable

Tight-Buffered Distribution Cable

Ordering Information

Use combinations of **bold** letters and numbers to create part numbers for ordering.

Cable Type		Fibre Type		No of Fibres	
STTB	Single Tube Tight Buffered	A1	G657A1	1	1 FO
MTTB	Multi Tube Tight Buffered	B3	G657B3	2	2 FO
B0	Breakout	M1	OM1	3	3 FO
FDMC	Flat Dual Multi-Core	M2	OM2	4	4 FO
		M3	OM3	5	5 FO
		M4	OM4	6	6 FO
		S1	OS1	7	7 FO
		S2	OS2	8	8 FO
				9	9 FO
				10	10 FO
				11	11 FO
				12	12 FO
▲		▲		▲	
STTB	C	M3	BLK	24	LS
▼		▼		▼	
Cable	C	Yellow Black White Aqua	YEL BLK WHT AQU	HDPE PVC LSZH Polyethylene LDPE Double Jacket PE/PVC Double Jacket HDPE Single Jacket HDPE Single Jacket PE	HD PV LS PE LD DJ DJHD SJHD SJPE
Product		Colour		Material	

*Leave blank if not required

Example Part Number	
Description	Part Number
Single Tube Distribution/Tight Buffered FO Cable - 24 OM3 900µm Coated Fibres LSZH - Black	STTBCM3BLK24LS

To Order

To place an order, use the contact details below.