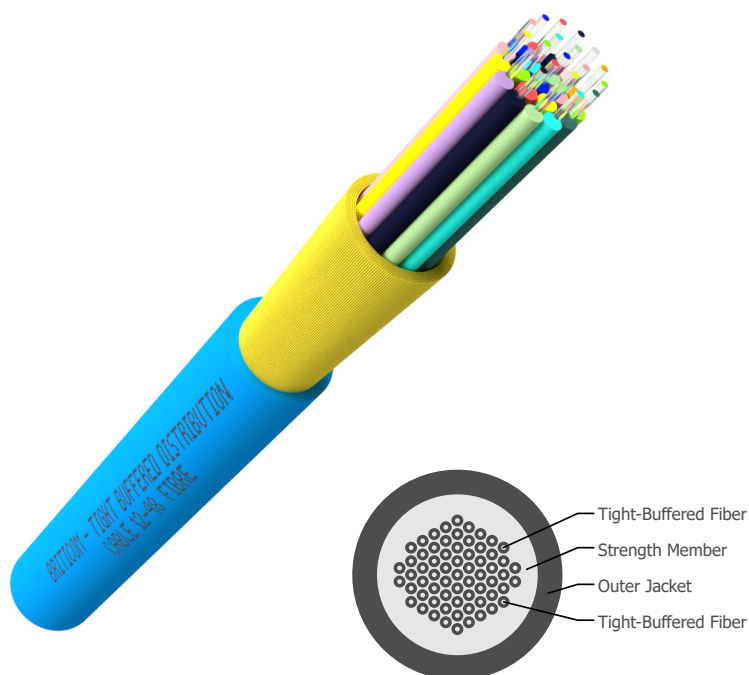




Fibre Optic Cable

Tight-Buffered Distribution Cable 12-48 Fibre



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

- Good mechanical and temperature performance
- High strength loose tube that is hydrolysis resistant
- Loose tubes filling compound
- Crush resistance and flexibility
- Single fibre reinforced plastic as the central strength member
- 100% cable core filling
- Aramid yarn strength member

Applications

- Access Network
- Telecom/CATV Systems
- FTTX

Technical Specifications

Fibre Type	G.652, G.655 or 6.657 single-mode fibre. A1a or A1b, OM3 or OM4 multimode fibre				
Jacket Material	PVC, LSZH, ZRPO, TPU				
Jacket Colour	Standard requirements				
Delivery Length	1 or 2km				
Cable Dimension	The nominal cable dimension, or other contracted dimension				
Storage/Operating Temperature	-40°C to +70				
		G.652	G.655	50/125um	62.5/125um
Attenuation (+20°C)	@850nm			≤3.0db/km	≤3.0db/km
	@1300nm			≤1.0db/km	≤1.0db/km
	@1310nm	≤0.36db/km	≤0.4db/km		
	@1550nm	≤0.22db/km	≤0.23db/km		
	@850nm			≤600mhz.km	≤200mhz.km
Bandwidth (class A)	@1300nm			≥1200mhz.km	≥600mhz.km
Numerical Aperture				0.200±0.015na	0.275±0.015na
Cable Cut-Off Wavelength xcc				≤1620nm	≤1450nm

To Order

Ordering information on page 2.





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	12	12 FO
MTTB	Multi Tube Tight Buffered	B3	G657B3	24	24 FO
B0	Breakout	M1	OM1	48	48 FO
FDMC	Flat Dual Multi-Core	M2	OM2		
		M3	OM3		
		M4	OM4		
		S1	OS1		
		S2	OS2		
▲		▲		▲	
STTB	C	M3	AQU	48	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 - 48 OM3 900µm Coated Fibres LSZH - Aqua	STTBCM3AQU48LS

To Order

To place an order, use the contact details below.