

Terminated Tight Buffer Cable

Part No: **GTTB-series**

Description Terminated Tight Buffer Optical Fibre Cable

Suitable Applications

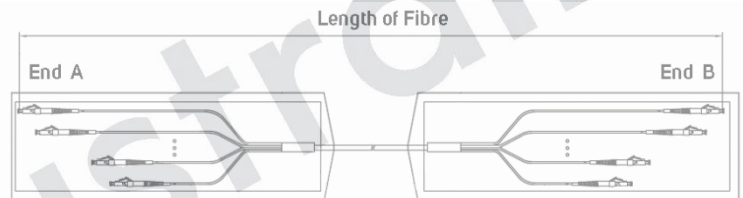
- Tight Buffer construction
- Water Blocked
- UV Stabilised
- LSZH Jacket
- Suitable for Indoor application
- Staggered Connectors on both ends
- Full corrugated tube protection
- Available in OM1, OM3, OM4
- Up to 24 Fibres

Garland's Terminated Tight Buffer (GTTB) cables come with a quality guarantee with a test report included with every length supplied. With staggered connectors at both ends, protected by a corrugated tube and hauling mesh over sleeve, Garland ensures your next install will be an easy one! Garland GTTB pre-terms are manufactured with RCM compliant Indoor/Outdoor tight buffered cable and are suitable for outdoor protected runs with the caveat that the connectors are only designed and intended for indoor use.

Images



Image for Illustration purposes only



Part Number Breakdown

GTTB – S2 B 06 – LC 030 LC

Type of Fibre	No of Fibres	Inner Connector	Length of Fibre (m)	Outer Connector
S2 = G657.A1(SM)	06 = 6 Fibres	LC = LC	055 = 55 Meters	LC = LC
M3 = OM3	12 = 12 Fibres	SC = SC	088 = 88 Meters	SC = SC
M4 = OM4	24 = 24 Fibres	ST = ST	201 = 201 Meters	ST = ST

*NOTE: Staggered connectors are used. Length is measured from extreme end of staggering. See diagram above.

GTTB-series-220817_

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Cable Properties

No. of Fibres	Up to 24 Fibres	
Water Blocking	Yes	
UV Stabilised	Yes	
Jacket Material	LSZH	
Standard Jacket Colours	OS2 (Single Mode)	Yellow
	OM1	Orange
	OM3	Aqua
	OM4	Violet

*Please note other jacket colours are available upon request and may be subject to MoQ

Cable Dimensions

Fibre Count	Diameter (mm)	Min Bend Radius (mm)	Tensile Load Install/Operational (N)	Approximate Breakout Length per end (mm)	*Please exercise caution when installing /operating Cable. Exceeding tensile load during installation /operation may damage fibre cable and void your warranty
4	5.0	100	450/250	550	
6	5.0	100	450/250	650	
8	6.0	120	600/300	750	
10	6.0	120	600/300	850	
12	6.0	120	600/300	950	
16	7.2	144	600/300	1150	
24	8.3	166	1000/500	1550	

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Installation Information				
Fibre Mode	OM1	OM3	OM4	OS2
Available Connectors	Available Connectors SC / LC / ST			
Core/Cladding (µm)	62.5/125	50/125	50/125	9/125
Fibre Conformance	TIA/EIA 492A	ITU-T G.651.1	ITU-T G.651.1	G.657.A1
Insertion Loss (Max dB)	0.3	0.3	0.3	0.3
Insertion Loss (Av dB)	0.2	0.2	0.2	0.2
Return Loss (Min dB)	35 (UPC)	35 (UPC)	35 (UPC)	50 (UPC), 60 (APC)

*Please note: Single Mode fibre G.657.A1 is equivalent to OS2 fibre and compatible with G.652 fibre

- Madison reserves the right to make changes to the products described in this specification without prior notice
- All values subject to factory tolerances