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Garland Terminated Tight Buffer (GTTB)

Applications

- Tight Buffer construction
- Water Blocked
- UV Stabilized
- LSZH Jacket
- Suitable for Indoor application
- Staggered Connectors on both ends
- Full corrugated tube protection
- Available in OS2(SM), OM1, OM3, OM4
- Up to 24 Fibres



Garland is proud to announce the expansion of its fibre range with the introduction of pre-terminated tight buffer cables. 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 preterms 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.

Build Your Own Part Number

GTTB-S7A006-LC030 LC

Type of Fibre	No of Fibres	Inner Connector	Length of Fibre (m)	Outer Connector
S7 = G657.A1(SM)	006 = 6 Fibres	LC = LC	055 = 55 Meters	LC = LC
M1 = OM1	012 = 12 Fibres	SC = SC	088 = 88 Meters	SC = SC
M3 = OM3	024 = 24 Fibres	ST = ST	201 = 201 Meters	ST = ST
M4 = OM4		FC = FC		FC = FC

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Cable Properties

Cable Description	Buffer Optical Fibre Cable	
No of Fibre	Up to 24 Fibre	
Water Blocking	Yes	
UV Stabilized	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)	Breakout Length (mm)
2	4.3	90	450/250	450
4	5.0	100	450/250	550
6	5.0	100	450/250	650
8	5.5	110	600/300	750
12	6.0	120	600/300	950
16	7.2	144	600/300	1150
24	8.3	166	1000/500	1550

*Please exercise caution when installing /operating buffer cable, exceeding tensile load during installation/operation may damage fibre cable and void your warranty

Fibre Mode	OM1	OM3	OM4	OS2
Available Connectors	Available Connectors SC / LC / FC / ST			
Core/Cladding (µm)	62.5/125	50/125	50/125	9/125
Fibre Conformance	TIA/EIA 492A	ITUT G651.1	ITUT G651.1	G657.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 G657.A1 is equivalent to OS2 fibre and compatible with G652 fibre

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