

Loose Tube Fibre Cable

Part No: GLTxxxAB-series

Description Loose tube construction, Dry blocking between tubes, UV stabilized PE jacket and Nylon termite barrier, all dielectric fibre optic cable available with OS2, OM1, OM3 and OM4 fibre, 4 to 72 fibres

Applicable Standards AS/CA S-008, AS 1049, ISO IEC 60794

Suitable Applications Suitable for all outdoor applications including duct and engineered¹ direct burial

Images



Image for Illustration purposes only



Construction

No. of Tubes	6 tubes around a central strength member
Nominal Tube Size	2mm
No. of Fibres per Tube	4-12
Inner Jacket	UV stabilized Polyethylene - Black - Two high strength rip cords are embedded under the PE jacket
Termite Barrier	UV stabilized Nylon 12 - Blue ²

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Mechanical Properties	
Standard Lengths*	2, 4, 6 & 8km
Nominal cable diameter	10.5mm
Cable Weight	80kg/km
Tensile Strength	2KN
Crush Test	2 KN short term (10 minutes)
	1 KN long term (60 minutes)
Minimum Bending Radius	20 x OD under load
	10 x OD under no load
Impact Resistance	10N/m
Temperature Range	-40 to +70C
Water Penetration	1 metre head of water on 3 metres of cable for 24 hours

Supply Information				
No. of Fibres	Fibre Type			
	G.652D	OM1	OM3	OM4
4	GLTSM1AB004BE	GLTOM1AB004BE	GLTOM3AB004BE	GLTOM4AB004BE
6	GLTSM1AB006BE	GLTOM1AB006BE	GLTOM3AB006BE	GLTOM4AB006BE
8	GLTSM1AB008BE	GLTOM1AB008BE	GLTOM3AB008BE	GLTOM4AB008BE
10	GLTSM1AB010BE	GLTOM1AB010BE	GLTOM3AB010BE	GLTOM4AB010BE
12	GLTSM1AB012BE	GLTOM1AB012BE	GLTOM3AB012BE	GLTOM4AB012BE
24	GLTSM1AB024BE	GLTOM1AB024BE	GLTOM3AB024BE	GLTOM4AB024BE
48	GLTSM1AB048BE	GLTOM1AB048BE	GLTOM3AB048BE	GLTOM4AB048BE
60	GLTSM1AB060BE	GLTOM1AB060BE	GLTOM3AB060BE	GLTOM4AB060BE
72	GLTSM1AB072BE	GLTOM1AB072BE	GLTOM3AB072BE	GLTOM4AB072BE

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Complementing Products

Description

Garland GPT series pigtails

Garland MT30903, MT30904 and MT30905 FOBOTs

Garland GTA series through adapters

Garland GPC series pigtails

¹ Direct burial suitable subject to not exceeding the bending radius, tensile, crush and impact limits of the cable

² For continuous exposure to direct sunlight, it is recommended that a black jacket be requested

* Standard lengths subject to a 5% length tolerance.

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