



garland

GLT-AB series Loose Tube Optical Fibre Cable

For external optical fibre applications

- Loose tube construction
- Dry blocking between tubes for a cleaner workplace
- UV stabilized PE jacket and Nylon termite barrier
- Suitable for all outdoor applications including duct and direct burial
- Available with OS2, OM1, OM3 and OM4 fibre
- From 4 to 72 fibres



Garland is proud to announce the release of its new GLT series of loose tube cables. Based on a central strength member surrounded by up to six small diameter loose tubes, this product range is set to modernise Garland's optical fibre range.

The AB series comes with a UV stabilised polyethylene jacket and an outer nylon 12 termite barrier making this cable suitable for duct and direct burial applications. The 6-around-1 construction is available in fibre counts from as low as 4 fibre up to a maximum of 72 fibres. To stop water penetrating the cable, each tube is jelly filled and the space between tubes is blocked using SAP dry-blocking technology. Two high strength rip cords are embedded under the PE jacket to allow for easy stripping of long lengths of cable.

Available in all fibre types and RCM compliant, these cables are ideally suited to both long and short haul applications. Standard lengths* are 2, 4 and 6 km. For custom or composite fibre constructions and for non-standard lengths please contact Madison Technologies customer service department on 1800 66 99 99.

Specifications

Parameter	Specification
Tube size	2 mm nominal
# fibres per tube	From 4 to 12 fibres
Construction	6 tubes around a central strength member
Inner jacket	UV stabilized Polyethylene – Black
Termite barrier	UV stabilized Nylon 12 – Blue
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)
Impact Resistance	10N/m
Temperature range	-40 to +70C
Water Penetration	1 metre head of water on 3 metres of cable for 24 hours.

*Also available in black and orange. Subject to minimum order quantity and lead time.

*Standard lengths subject to a ±5% length tolerance.

Ordering Information

# 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

Goes with:

- Garland GPT series pigtails
- Garland MT30903, MT30904 and MT30905 FOBOTs
- Garland GTA series through adapters
- Garland GPC series pigtails.

For indoor applications, please contact Madison for available options. Proudly distributed by Madison Technologies.

²Also available in black and orange. Subject to minimum order quantity and lead time.



With Garland, you are always well connected.

Sales Enquiries **1800 66 99 99**
www.garlandcables.com.au

