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cables

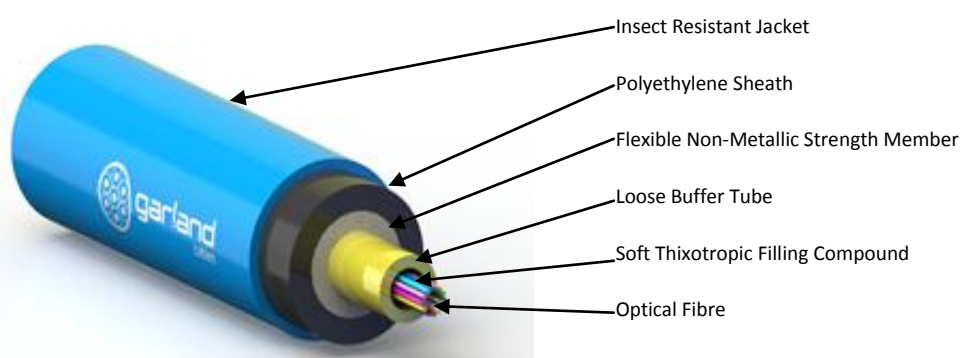
pro series

Industrial / Power / Data / Security / Fibre

Part No. GQD153EA012BE

## Single Axial Loose Tube Optical Fibre Cable

### Laser Optimised Multimode 50µm, OM3



#### Description

12 Multimode OM3 optical fibres contained in an axial, jelly filled loose tube, strengthened with flexible non-metallic armour bonded to the inner polyethylene sheath, with an insect-resistant polyamide jacket. Surface printing includes length marking at 1 metre intervals.

#### Applicable Specifications

AS/ACIF Technical Specification S-008, AS 1049, IEC 60793 and IEC 60794

#### Applications

A water blocked single loose tube non-metallic cable designed for long haul applications and suitable for external tray, duct and direct buried applications by either trenching or direct ploughing. Using polyamide for the insect resistant jacket is a well-established standard practice for the Australian environment.

#### Physical Features

Tube Diameter (mm)	3.2
Nominal O.D. (mm)	8.5
Nominal Weight (kg/km)	58
Temperature Range	-40 to +70 deg Celsius
Max Pulling Tension (kN)	2.0
Min Bending Radius Under Load	20 x OD mm

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<b>No Load</b>	10 x OD mm
<b>Max Crush Resistance (kN/100mm)</b>	2.0
<b>Impact (kg/m)</b>	1.0
<b>Colour Sequence for Fibres &amp; Tubes</b>	Blue, Orange, Green, Brown, Grey, White, Red, Black, Yellow, Violet, Pink, Aqua

### Ordering Information

Part Number	Description
GQD153EA012BE	12c Mono Loose Tube, Multimode 50µm OM3, with PE/Nylon

This datasheet is provided for guidance only and is subject to change without notice. Please ensure you have the most up to date information where parameters in this document are considered critical for your particular application.

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