

## Single Axial Loose Tube Optical Fibre Cable

Axial loose tube cable comprising up to 24 optical fibres contained in a jelly filled loose tube strengthened with flexible non-metallic armour bonded to a polyethylene (PE) sheath and an outer insect resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

### Part Number

LQD1\*\*EA0†BE

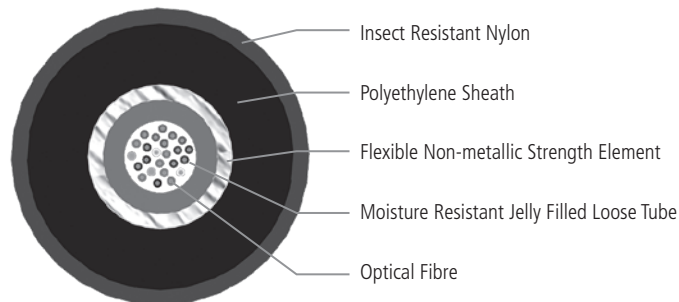
### Applicable Specifications

AS/CA S008 AS 1049, IEC 60794, IEC 60793, ITU-T REC G652.d

### Applications

Axial loose tube cable is ideal for short and long haul point to point backbone applications. The water blocked, dry cable core design can be installed in-duct or direct-buried. Whilst the Nylon is UV stabilised, AFL recommends the use of an additional sacrificial black PE sheath where the cable will be directly exposed to UV rays.

### Cable Components



### Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	3.2
Nominal Cable Diameter	mm	8.5
Nominal Weight	kg/km	58
Temperature Range	°C	-40 to 70
Max Pulling Tension - Install	kN	2
Min Bending Radius - Under Load	mm	20 x OD
Min Bending Radius - No Load	mm	10 x OD
Max Crush Resistance	kN/100 mm	2
Impact	kg/m	1

\*\* Represents any fibre type, 1D = SM G652.d "LWP", 1F = SM G657.A1, 62 = 62.5 um multimode "OM1", 50 = 50 um multimode "OM2", 53 = 50 um multimode "OM3", 55 = 50 um multimode "OM4". Contact AFL for other fibre varieties. †† Represents any fibre-count up to 24.

Actual finished product may vary from illustration.