

## 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 elements bonded to a polyethylene (PE) sheath and an outer UV stable, termite resistant Nylon jacket. Surface printing includes length marking at one metre intervals.

### Part Number

LQD1\*\*EA0†BE

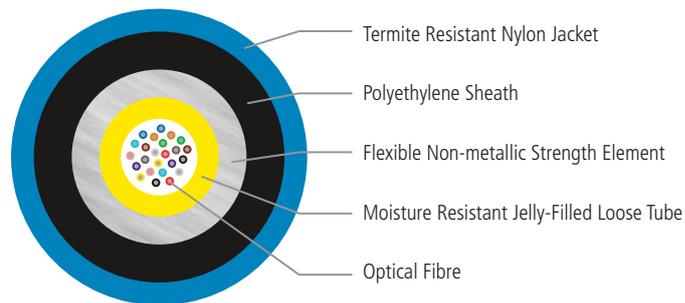
### Applicable Specifications

AS/CA S008, AS 1049, AS/NZS 11801-1, TIA-598-D, IEC 60793, IEC 60794, ITU-T Recommendations

### 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. UV stabilised outer jacket as per AS 1049.

### 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 G.652.D "LWP", 1F = SM G.657.A1, 62 = 62.5 µm multimode "OM1", 53 = 50 µm multimode "OM3", 55 = 50 µm multimode "OM4". Contact AFL for other fibre types.

†† Represents any fibre-count up to 24 for single-mode, up to 12 for multimode.

Refer to OSP Cable - Optical Characteristics for further information.