

## Axial Loose Tube Optical Fibre Cable (LSZH)

Axial loose tube cable comprising up to 24 optical fibres contained in a jelly-filled loose tube strengthened with glass composite elements and sheathed with a LSZH jacket. Surface printing includes length marking at one metre intervals.

### Part Number

LLB1\*\*EA0††##

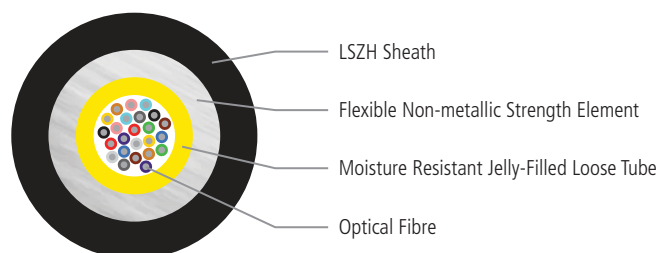
### Applicable Specifications

AS/CA S008, AS 1049, AS/NZS 11801-1, AS/NZS IEC 60332.1, TIA-598-D, IEC 60793, IEC 60794, ITU-T Recommendations

### Applications

Low-Smoke Zero Halogen (LSZH) axial loose tube cable is ideal for short-haul, point-to-point drop cable applications. The LSZH sheath minimises the flammability content of the cable and makes it suitable for use in indoor, free draining duct/conduit, protected (non-UV exposed) environments such as road/rail tunnels.

### Cable Components



### Physical Characteristics

SPECIFICATION	UNIT	VALUE
Nominal Tube Diameter	mm	3.2
Nominal Cable Diameter	mm	6.6
Nominal Weight	kg/km	45
Temperature Range	°C	-30 to 70
Max. Pulling Tension - Install	kN	2
Min. Bending Radius - Under Load	mm	30 x OD
Min. Bending Radius - No Load	mm	15 x OD
Max. Crush Resistance	kN/100 mm	1.5
Impact	kg. 0.5 m	1

\*\* Represents any fibre type, 1D = SM G.652.D "LWP", 1E = SM premium 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.

## Represents LSZH sheath colour, BK = Black, BE = Blue, WE = White, YW = Yellow, other colours available upon request.

Refer to OSP Cable - Optical Characteristics for further information.