

## 96 Fibre Stranded Loose Tube Cable with LSZH Sacrificial Sheath

Stranded cable comprising 96 optical fibres contained in jelly-filled loose tubes (12 fibres per tube). The tubes are laid around a central strength member and contained within a dry, water blocked cable core, sheathed with polyethylene (PE), termite resistant nylon jacket and an additional sacrificial LSZH outer sheath. Surface printing includes length marking at one metre intervals.

### Part Number

LMH8\*\*PM096##

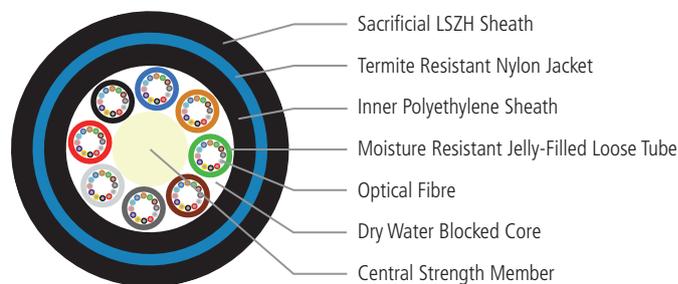
### Applicable Specifications

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

Stranded loose tube cable is ideal for short and long-haul, point-to-point and point-to-multipoint backbone applications. The addition of LSZH (Low-Smoke Zero Halogen) sheath protects the inner termite resistant Nylon barrier and minimizes the flammability content of the cable making 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	2.0	
Nominal Cable Diameter	mm	12.7	
Nominal Weight	kg/km	160	
Temperature Range	°C	-40 to 70	
Max. Pulling Tension - Install	kN	4.5	
Min. Bending Radius - Under Load	mm	20 x OD	
Min. Bending Radius - No Load	mm	10 x OD	
Max. Crush Resistance	Short-term (10 min)	kN/100 mm	2
	Long-term (120 min)	kN/100 mm	2
Impact	kg.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 Outer Sacrificial Polyethylene Sheath colour type, A = Black, B = Colours other than Black.

## 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.