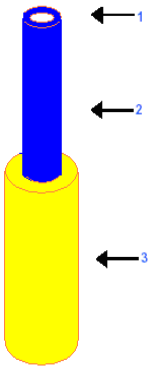
Tramco Fiber Optic Cable

LSZH MM 50/125 0.9mm Loose Tube Cable

Application

Used for indoor distribution, patch-cord and pigtail.

Cable Construction



1 – Optical fiber
- 1x 50/125 μm

2 – Primary coating
- color: natural
- diameter: 242±7 μm

3 – Loose tube
- LSZH
- diameter: 0.87 ± 0.03 mm
- thickness: 0.30±0.02mm
- color: white (or customized)

Cable Performance

Temperature Range		°C	-20 -- +70
Weight		g/m	0.93
Bending Radius	Install	mm	5.0
Bending Radius	Static	mm	3.0
Tensile Load	Short term	N	6.0
Tensile Load	Long term	N	3.0
Once stripped-off length		mm	>100

Fiber Optical Characteristics

Core Diameter	μm	50±2.5
Cladding diameter	μm	125.0±1.0
Cladding non-circularity	%	≤1.0
Coating/Cladding concentricity error	μm	≤12.0
Coating non-circularity	%	≤6.0
Maximum attenuation @ 850 nm	dB/km	≤2.3
Maximum attenuation @ 1300 nm	dB/km	≤0.55
Bandwidth @ 850 nm	MHz . km	≥500
Bandwidth @ 1300 nm	MHz . km	≥1000