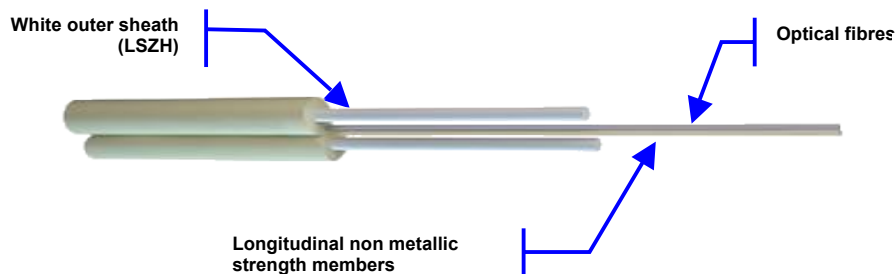


REF : MDIC LSZH

SINGLE MODE OPTICAL FIBER LOOSE TUBE G657 A – LSZH



Color code of the fibers is as per TIA/EIA 598A and IEC 304.

Tube/Fiber Number	Color
1	Blue
2	Yellow

General characteristics

MDIC LSZH – Indoor Access Cable. Micro Drop Installation Cable, special Access cable with low bend radius, no waterpeak (G 657.A1) fibres. Ruggedized construction with excellent installation performance, easy strippable for fast installation.

Fiber characteristics

Single mode according to ITU-T G.657.A1

Property	Spécification
Optical properties	
Attenuation @ 1310 nm	0.4 dB/km
Attenuation @ 1550 nm	0.3 dB/km
Chromatic dispersion	Max 0.090 ps/km/nm ²
Chromatic dispersion 1285nm-1330nm	Max 3.0 ps/km/nm ²
Zéro Chromatic dispersion	1300-1322nm
Diameter @ 1310 nm	9.0 ± 0.3 µm
Diameter @ 1550 nm	10.2 ± 0.4 µm
Concentricity error	<0.4 µm
Cable cut of wavelength	≤ 1260 nm
PMD	≤ 0.2 ps/√km
Geometrical properties	
Core diameter	125 ± 0.8 µm
Cladding diameter	0.6 %
Core-Cladding offset	245 ± 5 µm
Cladding non-circularity	8µm
Mechanical properties	
Test	Detail
Bending radius during installation	30mm
Bending radius after installation	20mm
Bending radius fibre storage (<10 turns acc ITU rec)	15mm
Tensile load short term	150N
Tensile load long term	50N
Dimension (height, width))	2.0 / 3.1 mm
Transportation and storage temperature	- 30° C à +70° C
Operation temperature range	- 30° C à +70° C
Installation temperature	-10°C à +50° C
Test procedures	IEC 60794-1-2

Ordering informations

REFERENCE	Designation	Colour
MDIC LSZH	2 FO 9/125 LIBRE INT LSZH	White