



FTTH Flat Optical Drop Cable 2FO SM G657A LSZH

F-OUT-2FO-G657A

FIBRE PROPERTIES

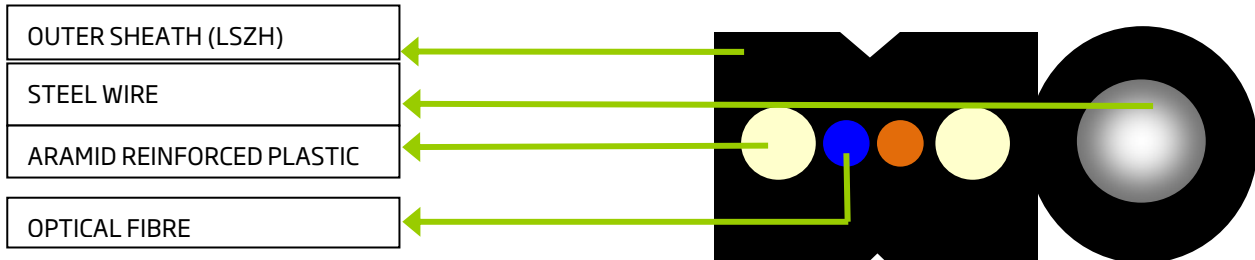
CHARACTERISTICS	UNIT	VALUE
ATTENUATION @ 1310 nm	dB/km	≤ 0.38
@ 1383 nm		≤ 0.33 or less than 1310 nm
@ 1550 nm		≤ 0.25
CHROMATIC DISPERSION 1285 - 1330 nm	ps/nm.km	≤ 3.5
1550 nm		≤ 18.0
ZERO DISPERSION WAVELENGTH	nm	1300 to 1324
ZERO DISPERSION SLOPE	ps/nm ² .km	≤ 0.092
POLARIZATION MODE DISPERSION	ps/√km	≤ 0.20
CABLED CUT OFF WAVELENGTH	nm	≤ 1260
MODE FIELD DIAMETER at 1310 nm	um	8.9 ± 0.5
CORE -CLAD CONCENTRICITY ERROR	um	≤ 0.5
CLADDING NON CIRCULARITY	%	≤ 1.0
CLADDING DIAMETER	um	125 ± 0.7
COATING DIAMETER	um	245 ± 5

CABLE PROPERTIES

NO. OF FIBRES	2	
COLOUR OF FIBRE	BLUE,ORANGE	
TYPE OF FIBRE	SM G657 A	
STRENGTH MEMBER	ARAMID REINFORCED PLASTIC - 2 Nos. (0.6± 0.1 mm) STEEL WIRE - 1 No. (1.0 mm Nominal)	
SHEATH MATERIAL	LOW SMOKE ZERO HALOGEN (LSZH)	
SHEATH COLOUR	BLACK	
CABLE DIMENSIONS - HEIGHT	2.0 ± 0.20 mm	
WIDTH	5.3 ± 0.30 mm	
CABLE WEIGHT	18 ± 3 Kg/Km	
TENSILE STRENGTH - INSTALLATION	Newton	600
- OPERATING		300
MIN. BENDING RADIUS TEMPORARY	mm	20
(Without Messenger Wire) PERMANENT		40
CRUSH RESISTANCE (Short Term)	Newton/10cm	1000
TEMPERATURE PERFORMANCE	°C	- 20 to + 60
OPERATING / INSTALLATION		
PACKING LENGTH	Km	1.0 / 2.0 ± 10 %



CROSS SECTIONAL VIEW:



ORDERING OPTIONS:

PN	Description	MOQ
F-OUT-2FO-G657A	FTTH Flat Optical Drop Cable 2FO SM G657A LSZH	1Km*

* dimensions of 1km drum : 13.9 cm (H) x 7.8 cm (W) x 12.5cm (L)