



FTTH INDOOR OFC WITH ARP

WILLETT COMMUNICATIONS

16-A, E.P.I.P. Phase-1.Jharmajri, Baddi, Himachal Pardesh, India

Data Sheet Number: 16

Dated: 01.04.2016

CHARACTERISTICS	UNIT	VALUE
ATTENUATION @ 1310 nm	dB/km	≤ 0.38
@ 1383 nm		≤ 0.33 or less than 1310 nm
@ 1550 nm		≤ 0.21
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	8.6 ± 0.4
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	1F, 2F & 4F
COLOUR OF FIBRE	BLUE ,ORANGE ,Green & Slate
TYPE OF FIBRE	SM G.657.A
STRENGTH MEMBER	ARP (ARAMID REINFORCED PLASTIC) : 2 Nos.

SHEATH MATERIAL	LOW SMOKE ZERO HALOGEN (LSZH)	
SHEATH COLOUR	WHITE	
CABLE DIMENSIONS- HEIGHT WIDTH	2.0 ± 0.10 mm 3.1 ± 0.10 mm	
CABLE WEIGHT	9.5 ± 1.0 Kg/Km	
TENSILE STRENGTH - INSTALLATION - OPERATING	Newton	100 50
MIN. BENDING RADIUS	mm	20
CRUSH RESISTANCE	Newton/10cm	500
TEMPERATURE PERFORMANCE OPERATING / INSTALLATION	°C	- 30 to + 60
PACKING LENGTH	Km	1.0 / 2.0 ± 10 %
PRINTING ON CABLE (BLACK INKJET)	WILLETT	

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