

# FTTH INDOOR OFC WITH ARP

Data Sheet Number: 01

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 <sup>2</sup> .km	≤ 0.092
POLARIZATION MODE DISPERSION		≤ 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
<b>CABLE PROPERTIES</b>		
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	LOWSMOK	E ZERO HALOGEN (LSZH)
SHEATH COLOUR		WHITE
CABLE DIMENSIONS	HEIGHT	2.0 ± 0.10 mm
	WIDTH	3.1 ± 0.10 mm
CABLE WEIGHT		9.5 ± 1.0 Kg/Km
TENSILE STRENGTH	Newton	100
- INSTALLATION		50
- OPERATING		
MIN. BENDING RADIUS	mm	20
CRUSH RESISTANCE	Newton/10cm	500
TEMPERATURE PERFORMANCE		- 30 to + 60
OPERATING / INSTALLATION		
PACKING LENGTH	Km	1.0 / 2.0 ± 10 %
PRINTING ON	CABLE (BLACK INKJET)	WILLETT