



# MESSENGER OFC / FIG08 OFC

Data Sheet No. 06

PARAMETER	SPECIFICATIONS	
FIBER TYPE	SINGLEMODE FIBER - IT.U.G.652D	
No. OF FIBERS PER LOOSE TUBE	2F to 12F	No.
FIBER COLOUR IDENTIFICATION	BL & NT BL, OR, GR & NT BL, OR, GR, BR, SL & NT BL, OR, GR, BR, SL, WH, RD & NT BL, OR, GR, BR, SL, WH, RD, BK, VI, PK & NT	
FIBER	G652D SM Matched Clad (As per G-652D)	
FIBER ATTENUATION		
@ 1310nm	≤ 0.35	dB/Km
@ 1550nm	≤ 0.23	dB/Km
WAVELENGTH		
1310nm	0.35	
1550nm	0.23	
1625nm	0.21	
MESSENGER WIRE	TWELVE ( 12 ) GI STEEL WIRES STRANDED TOGETHER	
NOMINAL SIZE OF GI WIRE	0.43	mm
THICKNESS OF CLUTCH WIRE(12X0.43mm)	1.8	mm
HDPE JACKET OVER MESSENGER WIRE	1.2	
WEB		
HEIGHT	1.2	mm
WIDTH	1.2	mm
LOOSE TUBE	1.0	No.
MATERIAL	PBTP	
DIAMETER	2.4 Nominal	mm
COLOUR	NATURAL	
FILLING COMPOUND	THIXOTROPIC JELLY	
OUTER JACKET MATERIAL	HDPE	
COLOUR	BLACK	
NOMINAL THICKNESS	2.0	mm
Environmental Performance		
Installation	Min -20/Max +70 Degree	
Service	Min -20/Max +70 Degree	
Storage	Min -20/Max +70 Degree	
TENSILE STERNGTH	2500	Newton
NOMINAL CABLE WIDTH	7.0	mm
NOMINAL CABLE HEIGHT	13 Nominal	mm
NOMINAL CABLE WEIGHT	93	Kg/Km
STANDARD LENGTH	1500Mtrs - 2000Mtrs	Kms
PRINTING DETAILS	WILLETT	