

# WILLETT COMMUNICATIONS

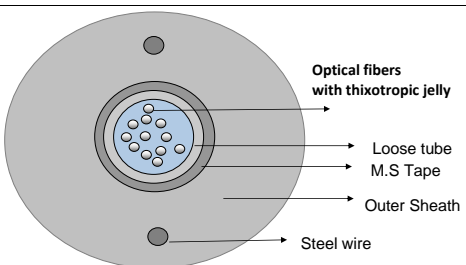
16-A, E.P.I.P. Phase-1,Jharmajri,Baddi(H.P.),India

[www.willett cable.com](http://www.willett cable.com)

Name of Customer :

DATA SHEET NO: 05

Date : 06.03.216

SL.No.	PARAMETER	UNIT	SPECIFICATIONS
1	TYPE OF CABLE		02F, 04F,06F ,08F,12F UNITUBE ARM OPTICAL FIBER CABLE
2	FIBER	G652D	SINGLEMODE FIBER OR MULTIMODE FIBER
a)	FIBER SIZE	um	9/125/250, 50/125/250, 62.5/125/250
b)	No. OF FIBERS / LOOSE TUBE	No.	02F, 04F, 06F, 08F, 12F
c)	FIBER IDENTIFICATION		
	02F	No.	BL & NT
	04F	No.	BL, OR, GR & NT
	06F	No.	BL, OR, GR, BR, SL & NT
	08F	No.	BL, OR, GR, BR, SL, WH, RD & NT
	12F	No.	BL, OR, GR, BR, SL, WH, RD , BK, YL, VI, PK & NT
3	OPTICAL PARAMETERS		
	FOR SM		
	ATTENUATION @ 1310nm	dB/Km	< 0.33
	ATTENUATION @ 1550nm	dB/Km	≤ 0.23
	WAVELENGTH		
	1310nm	db/km	0.35
	1550nm	db/km	0.23
	1625nm	db/km	0.21
4	LOOSE TUBE / TIGHT BUFFER		LOOSE TUBE
a)	MATERIAL		PBTP
b)	No. OF LOOSE TUBES	No.	1
c)	DIAMETER (Nominal)	mm	1.9/2.5
d)	COLOUR OF LOOSE TUBE		NATURAL
e)	SEQUENCE OF ELEMENTS IN CORE		NA
f)	LOOSE TUBE GEL		THIXOTROPIC GEL
5	JACKETING		
a)	MATERIAL		HDPE
b)	COLOUR		BLACK
c)	NOMINAL THICKNESS	mm	2.75
d)	OVERALL DIAMETER (NOMINAL)	MM	8.0
6	STRENGTH MEMBERS		YES
a)	TYPE		STEEL WIRES
b)	DIAMETER	mm	0.9
c)	NUMBER	No.	02
7	ARMOURING		
a)	TYPE		ECCS TAPE
b)	THICKNESS	mm	> 0.15
8	Mechanical Test		
a)	Tensile Strength		Approx 400 Newton
b)	Bending Redius		15D
c)	Crushing		700 Newton/100mm
d)	Torsion		360
9	Environmental Performance		
a)	Installation		Min -20/Max +70 Degree
b)	Service		Min -20/Max +70 Degree
c)	Storage		Min -20/Max +70 Degree
10	CABLE WEIGHT (NOMINAL)	Kg/Km	95
11	STANDARD LENGTH	Mtrs	AS PER REQUIREMENT OF CUSTOMER
12	TYPE OF PACKING		WOODEN DRUM
13	PRINTING DETAILS		WILLETT
14	CONSTRUCTIONAL DIAGRAM		 <p>Optical fibers with thixotropic jelly</p> <p>Loose tube</p> <p>M.S Tape</p> <p>Outer Sheath</p> <p>Steel wire</p> 