

WILLETT COMMUNICATIONS

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

www.willettcommunication.com

Name of Customer :

DATA SHEET NO: 09

Date : 18.04.216

TYPE OF CABLE : 24F NON ARMoured CABLE WITH 2 FRP RODS & TWO TUBE

Outer HDPE Sheath
Optical Fibers with Jelly
Loose Tube
FRP Rods

Sl.No.	PARAMETER	UNIT	SPECIFICATIONS
1	TYPE OF CABLE		24F MULTI TUBE NON ARMoured 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.	12F in each tube
c)	FIBER IDENTIFICATION		
	FIBER COLOURS FOR 12F BUNDLE	No.	BLUE, ORANGE, GREEN & BROWN, GREY, WHITE, RED, BLACK, YELLOW, VIOLET, PINK & AQUA - IN BLUE BINDER
	FIBER COLOURS FOR 12F BUNDLE	No.	BLUE, ORANGE, GREEN & BROWN, GREY, WHITE, RED, BLACK, YELLOW, VIOLET, PINK & AQUA - IN ORANGE BINDER
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.	2
c)	DIAMETER (Nominal)	mm	4.0
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	1.50
d)	OVERALL DIAMETER (NOMINAL)	MM	9MM
6	STRENGTH MEMBERS		YES
a)	TYPE		FRP ROD
b)	DIAMETER	mm	1
c)	NUMBER	No.	02
7	Mechanical Test		
a)	Tensile Strength		Approx 400 Newton
b)	Bending Redius		15D
c)	Crushing		700 Newton/100mm
d)	Torsion		360
8	Environmental Performance		
a)	Installation		Min -20/Max +70 Degree
b)	Service		Min -20/Max +70 Degree
c)	Storage		Min -20/Max +70 Degree
9	CABLE WEIGHT (NOMINAL)	Kg/Km	40
10	STANDARD LENGTH	Mtrs	AS PER REQUIREMENT OF CUSTOMER
11	TYPE OF PACKING		WOODEN DRUM
12	PRINTING DETAILS		WILLETT