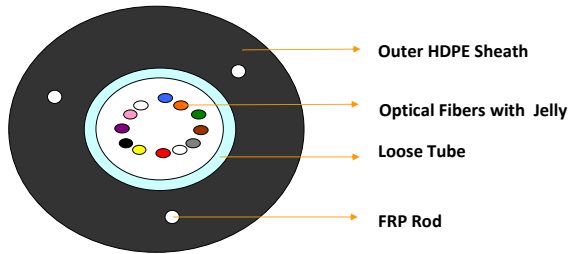


WILLETT COMMUNICATIONS

16-A, E.P.I.P. Phase-1, Baddi(Himachal Pradesh), India

TECHNICAL SPECIFICATIONS OF OPTIC FIBER CABLE

TYPE OF CABLE : 2F-12F WITH 3 FRP ROD CATV CABLE



SL.No.	PARAMETER	UNIT	SPECIFICATIONS
1	TYPE OF CABLE		2F-12F CATV SM G652D FIBER WITH 3FRP ROD
2	FIBER	ITU - T 6652	SM Matched Clad
a)	FIBER SIZE	um	9 / 125 / 250
b)	No. OF FIBERS / LOOSE TUBE	No.	2F-12F
c)	FIBER COLOUR IDENTIFICATION		
	06F	No.	BLUE,ORANGE,GREEN,BROWN, GREY,WHITE,RED,BLACK,YELLOW,VIOLET,PINK &NATURAL
3	OPTICAL PARAMETERS		
	ATTENUATION @ 1310nm	dB/Km	≤ 0.35
	ATTENUATION @ 1550nm	dB/Km	≤ 0.23
	WAVELENGTH		
	1310nm	db/km	<u>0.35</u>
	1550nm	db/km	<u>0.23</u>
	1625nm	db/km	<u>0.21</u>
4	LOOSE TUBE / TIGHT BUFFER		LOOSE TUBE
a)	MATERIAL		PBTP
b)	No. OF LOOSE TUBES	No.	1
c)	DIAMETER	mm	1.9 / 2.5 (Nominal)
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	2.0/2.25/2.5 (Nominal)
d)	OVERALL DIAMETER (NOMINAL)	MM	6.3MM OD (Nominal)
e)	RIP CORD		NA
6	STRENGTH MEMBERS		YES
a)	NUMBER		3
b)	TYPE		FRP RODS
c)	DIAMETER	MM	.8MM
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	38 (Nominal)
10	STANDARD LENGTH +/- 10%	Mtrs	AS PER CUSTOMER'S REQUIREMENT
11	TYPE OF PACKING		WOODEN DRUM
12	PRINTING DETAILS		WILLETT