

CONSTRUCTIONAL & TECHNICAL DATA SHEET - CATV OFC



Name Of Customer:

DATA SHEET NO.: 1

Dated : 01.04.2016

SL.No.	PARAMETER	UNIT	SPECIFICATIONS	REMARKS
1	TYPE OF CABLE		2F TO 12F SM UT NON ARMoured WITH 2FRP ROD OFC	GENERAL CATV
2	FIBER	ITU-T G.652D	SM Matched Clad as per International Telecommunication Union(ITU-T G.652)	
a)	FIBER SIZE	um	9 / 125 / 250	
b)	No. OF FIBERS / LOOSE TUBE	No.	2F TO 12F	
c)	FIBER COLOUR 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			
	ATTENUATION @ 1310nm	dB/Km	≤ 0.34	
	ATTENUATION @ 1550nm	dB/Km	≤ 0.23	
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	6MM (Nominal)	
e)	RIP CORD		NA	
6	STRENGTH MEMBERS		YES	
a)	NUMBER		02	
b)	TYPE		FRP RODS	
c)	DIAMETER	MM	1MM	
7	Mechanical Test			
a)	Tensile Strength		Approx 400 Newton	
b)	Bending Radius		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 +/- 5%	Mtrs	AS PER CUSTOMER'S REQUIREMENT	
11	TYPE OF PACKING		WOODEN DRUM	
12	PRINTING DETAILS		WILLETT	
13	CONSTRUCTIONAL DIAGRAM		<ul style="list-style-type: none"> FRP Rod HDPE Sheath Loose tube Thixotropic jelly Optical fibre 	