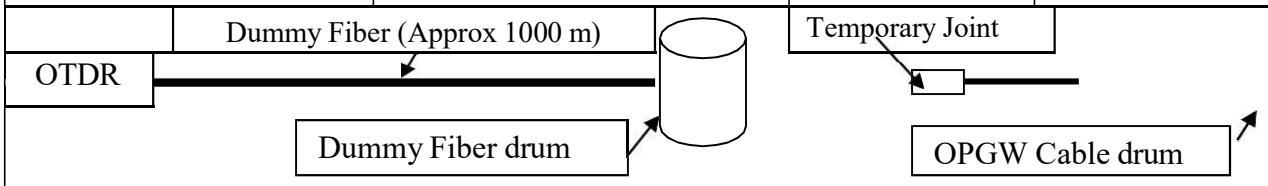
PRE-INSTALLATION TEST REPORT FOR OPGW & APPROACH CABLE (DRUM TEST)

Report No.	Line:		
Date:	Section:		
	Drum No:		
	Drum Length:	(As per Pre-shipment date)	
Type of OTDR:	Drum Length:	(Actual Site)	
	Wave Length	Refractive Index	Max Attenuation
Testing Date:	1310 nm		0.35 dB/Km
	1550 nm		0.21 dB/Km



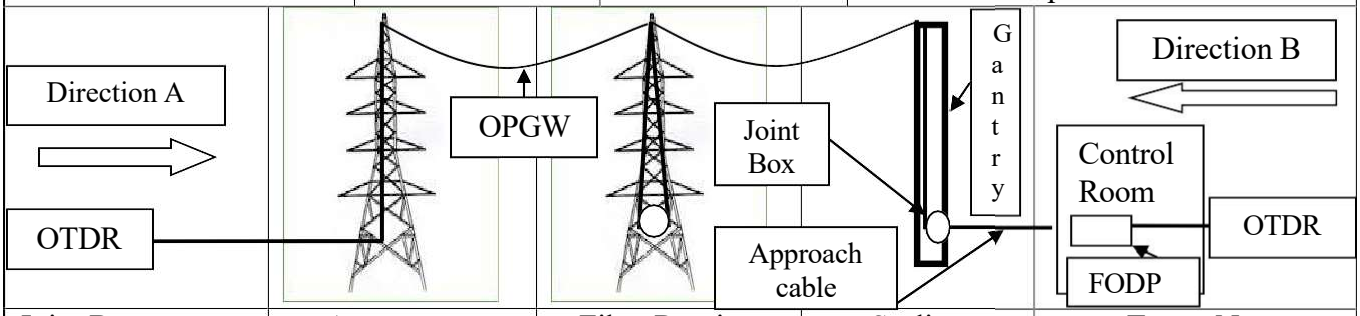
Physical Appearance of cable assembly	
Drum Marking	
Sealing of cable ends	

Tube color	Fiber No.	Fiber color	Length (Km)	Attenuation		Remarks
				1310 nm (dB/Km)	1550 nm (dB/Km)	
	1					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
up to 48F	24					

OTDR Trace results attached for all fiber (Yes/No):		
Tested By	Witnessed By	Approved By

SPLICE TEST REPORT FOR SPLICING OPGW & APPROACH CABLE (1310 nm)

Report No.	Line:		
Date:	Section:		
	Tower No:		
Type of OTDR:	Wave Length	Refractive Index	Acceptance criteria
	1310 nm		Max Splice loss : 0.1 dB (Individual Splice) & Average splice loss in a link 0.05 dB/Splice
Testing Date:			



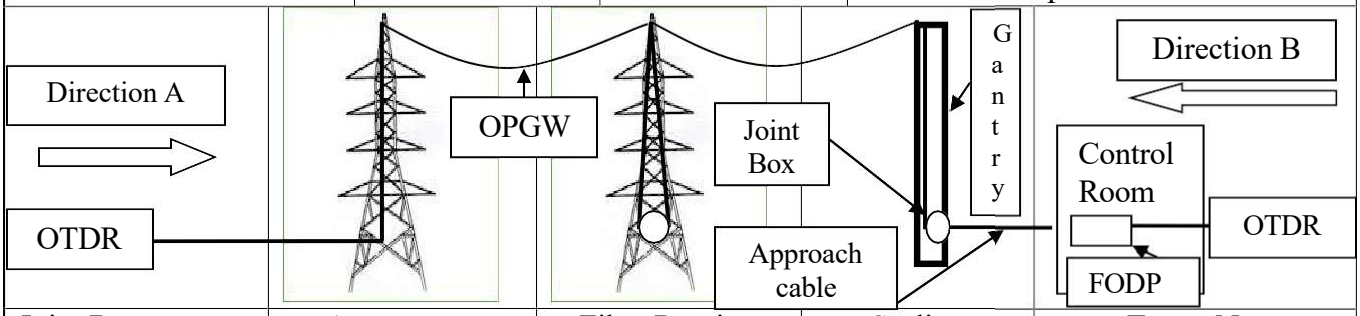
Joint Box	Appearance	Fiber Routing	Sealing	Tower No.

Tube color	Fiber No.	Fiber color	Splicing Date	Splice Loss (dB) Direction-A	Splice Loss (dB) Direction-B	Actual Loss (dB) = (A+B)/2
	1					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
up to 48F	23					
	24					

Tested By	Witnessed By	Approved By

SPLICE TEST REPORT FOR SPLICING OPGW & APPROACH CABLE (1550 nm)

Report No.	Line:		
Date:	Section:		
	Tower No:		
Type of OTDR:	Wave Length	Refractive Index	Acceptance criteria
	1550 nm		Max Splice loss : 0.1 dB (Individual Splice) & Average splice loss in a link 0.05 dB/Splice
Testing Date:			



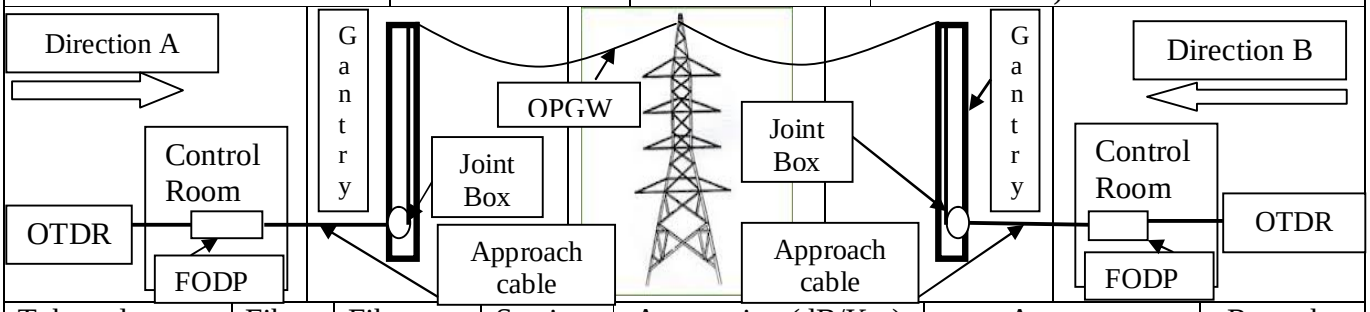
Joint Box	Appearance	Fiber Routing	Sealing	Tower No.

Tube color	Fiber No.	Fiber color	Splicing Date	Splice Loss (dB) Direction-A	Splice Loss (dB) Direction-B	Actual Loss (dB) = (A+B)/2
	1					
	2					
	3					
	4					
	5					
	6					
	7					
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
up to 48F	24					

Tested By	Witnessed By	Approved By

FO CABLE END TO END TEST USING OTDR (1310 nm)

Report No.	Line:		
Date:	Section:		FODP TO FODP
Type of OTDR:	Wave Length	Refractive Index	Max Attenuation
	1310 nm		(0.35 dB/Km X Total FO length in Km) + (0.05 dB/Splice x Total No. of Splice) + (0.5 dB/Connector x No. of connectors)
Testing Date:			



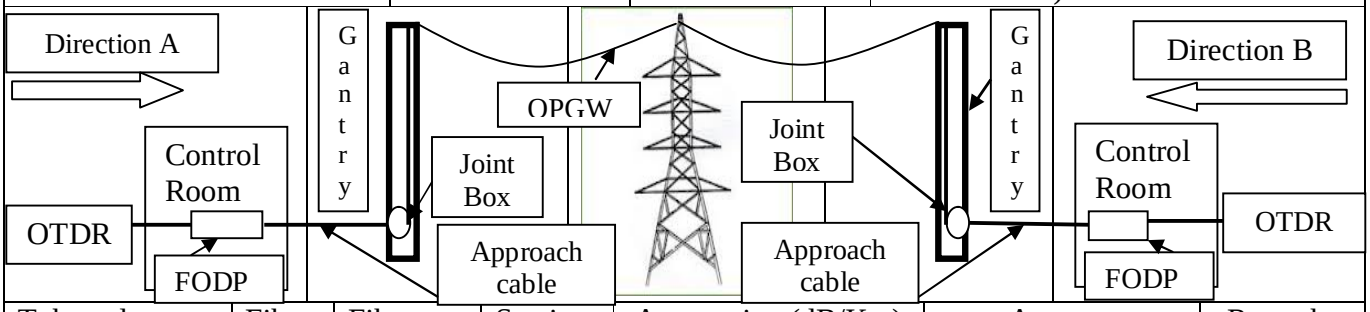
Tube color	Fiber No.	Fiber color	Section length (Km)	Attenuation (dB/Km)		Average Attenuation (dB/km) = (A+B)/2	Remarks
				Direction-A	Direction-B		
	1						
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
	16						
	17						
	18						
	19						
	20						
	21						
	22						
	23						
	24						

OTDR trace results attached for all fiber (Yes/No) :

Tested By Witnessed By Approved By

FO CABLE END TO END TEST USING OTDR (1550 nm)

Report No.	Line:		
Date:	Section:		FODP TO FODP
Type of OTDR:	Wave Length	Refractive Index	Max Attenuation
	1550 nm		(0.21 dB/Km X Total FO length in Km) + (0.05 dB/Splice x Total No. of Splice) + (0.5 dB/Connector x No. of connectors)
Testing Date:			



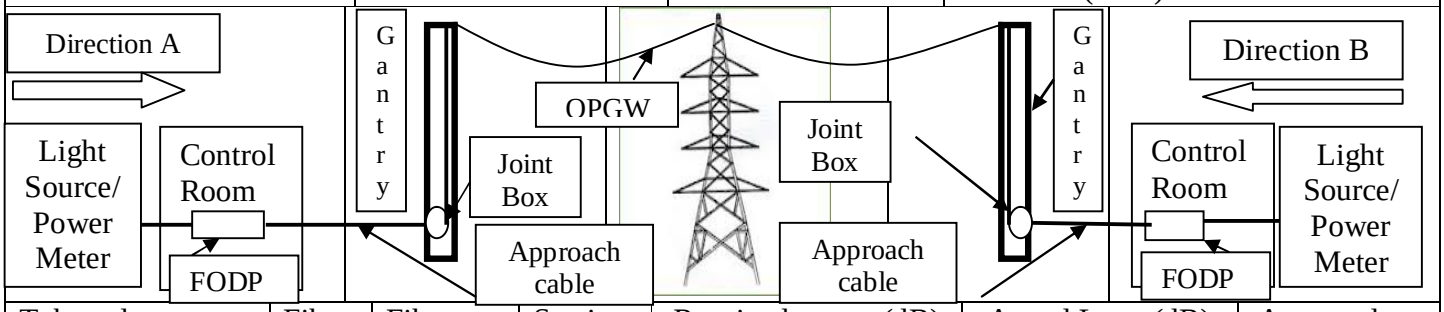
Tube color	Fiber No.	Fiber color	Section length (Km)	Attenuation (dB/Km)		Average Attenuation (dB/km) = (A+B)/2	Remarks
				Direction-A	Direction-B		
	1						
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
	14						
	15						
	16						
	17						
	18						
	19						
	20						
	21						
	22						
	23						
	24						

OTDR trace results attached for all fiber (Yes/No) :

Tested By Witnessed By Approved By

FO CABLE END TO END TEST USING POWER METER (1310 nm)

Report No.	Line:	
Date:	Section:	FODP TO FODP
Wave Length	Type of Power Meter:	Reference Power = Pr (dBm):
1310 nm	Type of Light Source:	A= Power Measuring from 'A' Direction (dBm)
Testing Date:	P1 = Pr – A dBm P2 = Pr – B dBm	B= Power Measuring from 'B' Direction (dBm)

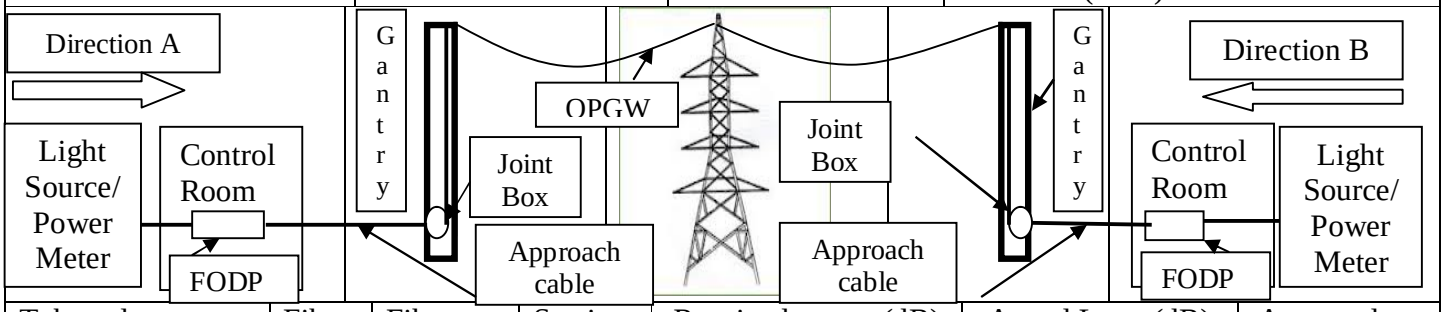


Tube color	Fiber No.	Fiber color	Section length (Km)	Received power (dB)		Actual Loss (dB) P= (P1+P2)/2	Average loss (dB/Km) = P/Section length
				Direction-A (P1)	Direction-B (P2)		
	1						
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
	13						
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	15						
	16						
	17						
	18						
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	20						
	21						
	22						
	23						
	24						

Tested By Witnessed By Approved By

FO CABLE END TO END TEST USING POWER METER (1550 nm)

Report No.	Line:	
Date:	Section:	FODP TO FODP
Wave Length	Type of Power Meter:	Reference Power = Pr (dBm):
1550 nm	Type of Light Source:	A= Power Measuring from 'A' Direction (dBm)
Testing Date:	P1 = Pr – A dBm P2 = Pr – B dBm	B= Power Measuring from 'B' Direction (dBm)



Tube color	Fiber No.	Fiber color	Section length (Km)	Received power (dB)		Actual Loss (dB) P= (P1+P2)/2	Average loss (dB/Km) = P/Section length
				Direction-A (P1)	Direction-B (P2)		
	1						
	2						
	3						
	4						
	5						
	6						
	7						
	8						
	9						
	10						
	11						
	12						
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	21						
	22						
	23						
	24						

Tested By Witnessed By Approved By

POWER METER TEST RESULT FOR SECTION:								
Fiber No.	1310 nm			1310 nm			P=(P1 + P2) /2 (dB)	P/Section Length
	Pr (dBm)	A (dBm)	P1 (dBm)	Pr (dBm)	B (dBm)	P2 (dBm)		
1								
2								
3								
4								
5								
6								
7								
8								
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10								
11								
12								
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16								
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19								
20								
21								
22								
23								
24								
Pr = P ref. for 1310 nm is_____ dBm.								

POWER METER TEST RESULT FOR SECTION:								
Fiber No.	1550 nm			1550 nm			P=(P1 + P2) /2 (dB)	P/Section Length
	Pr (dBm)	A (dBm)	P1 (dBm)	Pr (dBm)	B (dBm)	P2 (dBm)		
1								
2								
3								
4								
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20								
21								
22								
23								
24								
Pr = P ref. for 1550 nm is_____ dBm.								