

Annexure I

TECHNICAL SPECIFICATION FOR 1×2 dual complementary output intensity modulator

S.NO	SPECIFICATION	COMPLIED/NOT COMPLIED	CATALOGUE PAGE NO
1.	No. of optical input ports: 1		
2.	No. of optical input ports: 2		
3.	Operating wavelength: 1550 nm		
4.	Insertion loss: ≤ 4.5 dB		
5.	3 dB Bandwidth: > 15 GHz		
6.	Modulation port V_{π} : < 5 V		
7.	Dc bias port V_{π} : < 12 V		
8.	Extinction Ratio: > 18 dB		
9.	Optical Return Loss: > 45 dB		
10.	Input fiber type: Polarization Maintaining (PM)		
11.	Output fiber type: Polarization Maintaining (PM)		
12.	Electrical connectors: SMA		
13.	Optical connectors: FC/APC		

(Note: It is mandatory for the bidders to provide the compliance statement in tabular column format along with catalogue page number (comply/not comply) for the Above points with document proof as required. Failing which bidders will be technically disqualified)