

W7301-S



1x2 1549.32 nm Filter

Data(dB)	Comm. → Pass (IL/PDL for PBs, Isolation for IBs)				Comm. → Reflec. (IL for IBs, Isolation for PBs)			Directivity (Room Temp.)		Return Loss (Room Temp.)		
	WL(nm)	-5°C	Room	50°C for PBI	70°C for PBI	-5°C	Room	70°C for PBI	Pass→ Reflec.	Reflec. →Pass	Common Port	Reflection Port
ITU-(IBB)/2 1544.67	31.14	31.2	NA	32.2	0.24	0.25	0.21	/	58.37	57.33	56.88	/
ITU-(IBA)/2	NA	NA	NA	NA	NA	NA	NA	/	/	/	/	/
ITU-(PB2)/2	NA	NA	NA	NA	NA	NA	NA	/	/	/	/	/
ITU-(PB1)/2 50°C/70°C 1545.97	0.35/ 0.07	0.33/ 0.06	NA	0.4/ 0.06	30.37	28.51	29.27	/	/	/	/	/
ITU 1549.32	0.32/ 0.06	0.31/ 0.07	NA	0.34/ 0.05	17.98	17.54	17.94	55.05	/	57.98	/	55.4 8
ITU+(PB1)/2 50°C/70°C 1552.67	0.33/ 0.07	0.32/ 0.06	NA	0.37/ 0.06	25.24	25.29	25.04	/	/	/	/	/
ITU+(PB2)/2	NA	NA	NA	NA	NA	NA	NA	/	/	/	/	/
ITU+(IBA)/2	NA	NA	NA	NA	NA	NA	NA	/	/	/	/	/
ITU+(IBB)/2 1553.97	32.06	31.83	NA	30.74	0.23	0.2	0.29	/	57.65	58.28	57.1	/
Ripple in PB1	0.16	0.13	NA	0.15	/	/	/	/	/	/	/	/
Trans. Iso.	Left IBA: NA		Right IBA: NA		Left IBB: 30.72		Right IBB: 30.33		/	/	/	/
Reflec. Iso.	Left IBB: 17.29		Right IBB: 17.34		/	/	/	/	/	/	/	/
ITU: 1549.32 PB1(50°C): NA PB1(70°C): 6.7 PB2: NA IBA: NA IBB: 9.3 (All in nm)												
IL in PB1: 0.60 RIL: 0.35 TI from IBA: NA RL: 50 Directivity: 55 IL in PB2: NA Ripple: 0.30 TI from IBB: 18 RI: 12 (All in dB)												
Temp. Cycle: -40 °C to 85 °C												

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.
1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.
2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.