

**W7300-S**

**1x2 1535.04 nm Filter**

Data(dB) WL(nm)	Comm. → Pass (IL/PDL for PBs, Isolation for IBs)				Comm. → Reflec. (IL for IBs, Isolation for PBs)			Directivity (Room Temp.)		Return Loss (Room Temp.)		
	-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	Pass Port
ITU-(IBB)/2 1523.66	43.4	42.83	NA	43	0.34	0.23	0.25	/	60.51	62.33	61.66	/
ITU-(IBA)/2 1525.61	26.32	26.03	NA	24.85	0.36	0.2	0.26	/	/	/	/	/
ITU-(PB2)/2	NA	NA	NA	NA	NA	NA	NA	/	/	/	/	/
ITU-(PB1)/2 50°C/70°C 1528.66	0.33/ 0.05	0.34/ 0.06	NA	0.29/ 0.06	18.93	16.78	21.31	/	/	/	/	/
ITU 1535.04	0.4/ 0.05	0.48/ 0.07	NA	0.35/ 0.06	17.34	13.87	18.70	58.31	/	62.17	/	62.34
ITU+(PB1)/2 50°C/70°C 1541.42	0.54/ 0.05	0.52/ 0.07	NA	0.3/ 0.06	12.78	12.57	21.77	/	/	/	/	/
ITU+(PB2)/2	NA	NA	NA	NA	NA	NA	NA	/	/	/	/	/
ITU+(IBA)/2 1544.47	28.47	27.96	NA	29.16	0.39	0.3	0.21	/	/	/	/	/
ITU+(IBB)/2 1546.42	46	44.98	NA	44.73	0.32	0.28	0.25	/	61.07	62.3	62.17	/
Ripple in PB1	0.23	0.27	NA	0.13	/	/	/	/	/	/	/	/
Trans. Iso.	Left IBA: 24.85		Right IBA: 27.96		Left IBB: 42.83		Right IBB: 44.73		/	/	/	/
Reflec. Iso.	Left IBB: 12.64		Right IBB: 12.57		/	/	/	/	/	/	/	/
ITU: 1535.04 PB1(50°C): NA PB1(70°C): 12.76 PB2: NA IBA: 18.86 IBB: 22.76 (All in nm)												
IL in PB1: 0.60 RIL: 0.35 TI from IBA: 18 RL: 50 Directivity: 55 IL in PB2: NA Ripple: 0.3 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.**