

PLC Test Report

Item Name	1×16 PLC Splitter			Inspect Date			2024-12-05		
P/N	PLC-P-1016-M-F-SA-Φ0.9-10-10			S/N			2412050022		
Fiber Type	G657A1			Fiber length(m)			≥1		
Connector	SC/APC			Steel Tube/Case size(mm)			60×12×4		
parameter	IL (dB)			PDL (dB)			RL (dB)		
wavelength(nm)	@1310	@1490	@1550	@1310	@1490	@1550	@1310	@1490	@1550
Drection	Max ≤13.80			Max ≤ 0.30			≥60		
port1	13.26	13.27	13.18	0.13	0.08	0.12	Pass	Pass	Pass
port2	12.95	12.90	12.95	0.12	0.06	0.07	Pass	Pass	Pass
port3	12.80	12.99	12.71	0.02	0.04	0.03	Pass	Pass	Pass
port4	12.77	12.73	12.78	0.10	0.08	0.13	Pass	Pass	Pass
port5	13.24	12.92	12.75	0.08	0.06	0.06	Pass	Pass	Pass
port6	12.84	12.90	12.77	0.11	0.09	0.09	Pass	Pass	Pass
port7	12.85	12.95	12.92	0.07	0.02	0.10	Pass	Pass	Pass
port8	12.96	12.89	12.77	0.13	0.02	0.01	Pass	Pass	Pass
port9	12.79	12.73	12.91	0.04	0.07	0.03	Pass	Pass	Pass
port10	12.99	12.82	12.74	0.05	0.11	0.07	Pass	Pass	Pass
port11	12.97	12.71	12.90	0.09	0.11	0.12	Pass	Pass	Pass
port12	12.73	12.72	12.71	0.09	0.04	0.12	Pass	Pass	Pass
port13	12.85	12.83	12.83	0.02	0.09	0.05	Pass	Pass	Pass
port14	12.89	12.90	12.84	0.05	0.08	0.07	Pass	Pass	Pass
port15	12.98	12.74	12.95	0.02	0.05	0.11	Pass	Pass	Pass
port16	12.56	12.58	12.59	0.11	0.12	0.02	Pass	Pass	Pass
Input port									
Max(dB)	13.26	13.27	13.18	0.13	0.12	0.13	N/A		
Min(dB)	12.56	12.58	12.59	0.02	0.02	0.01	N/A		
AVG	12.90	12.85	12.83	0.08	0.07	0.08	N/A		
Uf(≤1.0dB)	0.69	0.69	0.59	DIR(dB)			≥55		



Checked by: Li Min

QC Inspected by: