

APTC-FGQ1XXU - SPLITTER ÓPTICO PLC - SC (UPC)

• APTC-FGQ102U - 1 para 2

1*2 Single Mode PLC Splitter Date Sheet

Operating Wavelength(nm)	1260-1650	Inspected Date	2018-07-18
P/N	PLC-1*2-SM-0.9	Fiber Type	G657A
Connector Type	SC/UPC	Fiber Length(m)	1
Storage Temperature	-40~+85℃	Operating Temperature	-40~+85℃

Item	IL(dB)		PDL(dB)		RL(dB)	
	1310	1550	1310	1550	1310	1550
Spec.	MAX 4.1		MAX 0.3		≥50	
Port1	3.98	3.2	0.09	0.07	Pass	Pass
Port2	3.67	3.52	0.1	0.03	Pass	Pass
Input	N/A	N/A	N/A	N/A	Pass	Pass
MAX	3.98	3.52	0.1	0.07	N/A	
MIN	3.67	3.2	0.09	0.03	N/A	
Average	3.83	3.36	0.1	0.05	N/A	
Uniformity(≤0.6dB)	0.16	0.16	Directivity(dB)		≥50	

Checked by: Chen Bin

QC By: Li Yu Rong

• APTC-FGQ104U - 1 para 4

1*4 Single Mode PLC Splitter Date Sheet

Operating Wavelength(nm)	1260-1650	Inspected Date	2018-7-18
P/N	PLC-1*4-SM-0.9	Fiber Type	G657A
Connector Type	SC/UPC	Fiber Length(m)	1
Storage Temperature	-40~+85℃	Operating Temperature	-40~+85℃

Item	IL(dB)		PDL(dB)		RL(dB)	
	1310	1550	1310	1550	1310	1550
Spec.	MAX 7.4		MAX 0.3		≥50	
Port1	7.06	7.13	0.05	0.25	Pass	Pass
Port2	6.79	7.17	0.15	0.09	Pass	Pass
Port3	6.7	7.32	0.25	0.13	Pass	Pass
Port4	7.13	6.7	0.08	0.09	Pass	Pass
Input	N/A	N/A	N/A	N/A	Pass	Pass
MAX	7.13	7.32	0.25	0.27	N/A	
MIN	6.7	6.7	0.05	0.08	N/A	
Average	6.92	7.08	0.16	0.15	N/A	
Uniformity(≤0.6dB)	0.18	0.19	Directivity(dB)		≥50	

Checked by: Chen Bin

QC By: Li Yu Rong

• APTC-FGQ108U - 1 para 8

1*8 Single Mode PLC Splitter Date Sheet

Operating Wavelength(nm)	1260-1650	Inspected Date	2018-6-1
P/N	PLC-1*8-SM-0.9	Fiber Type	G657A
Connector Type	SC/UPC	Fiber Length(m)	1
Storage Temperature	-40~+85℃	Operating Temperature	-40~+85℃

Item Wavelength(nm)	IL(dB)		PDL(dB)		RL(dB)	
	1310	1550	1310	1550	1310	1550
Spec.	MAX 10.5		MAX 0.3		≥50	
Port1	9.53	9.5	0.25	0.27	Pass	Pass
Port2	10.1	9.87	0.04	0.23	Pass	Pass
Port3	9.68	9.97	0.29	0.08	Pass	Pass
Port4	10.11	10.03	0.27	0.06	Pass	Pass
Port5	10.14	9.51	0.1	0.11	Pass	Pass
Port6	9.82	9.61	0.1	0.25	Pass	Pass
Port7	10.07	9.83	0.1	0.12	Pass	Pass
Port8	10.19	9.97	0.22	0.1	Pass	Pass
Input	N/A	N/A	N/A	N/A	Pass	Pass
MAX	10.19	10.03	0.29	0.27	N/A	
MIN	9.53	9.5	0.04	0.06	N/A	
Average	9.96	9.79	0.17	0.15	N/A	
Uniformity(≤0.8dB)	0.21	0.18	Directivity(dB)		≥50	

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QC By: Li Yu Rong

• APTC-FGQ116U - 1 para 16

1*16 Single Mode PLC Splitter Date Sheet

Operating Wavelength(nm)	1260-1650	Inspected Date	2017-12-18
P/N	PLC-1*16-SM-0.9	Fiber Type	G657A
Connector Type	SC/UPC	Fiber Length(m)	1
Storage Temperature	-40~+85℃	Operating Temperature	-40~+85℃

Item Wavelength(nm)	IL(dB)		PDL(dB)		RL(dB)	
	1310	1550	1310	1550	1310	1550
Spec.	MAX 13.5		MAX 0.2		≥55	
Port1	13.08	13.29	0.03	0.04	Pass	Pass
Port2	13.16	13.35	0.08	0.01	Pass	Pass
Port3	13.18	12.99	0.09	0.07	Pass	Pass
Port4	13.02	12.67	0.04	0.08	Pass	Pass
Port5	13.4	12.55	0.03	0.06	Pass	Pass
Port6	12.61	12.8	0.03	0.06	Pass	Pass
Port7	13.27	12.67	0.04	0.02	Pass	Pass
Port8	13.2	12.91	0.09	0.08	Pass	Pass
Port9	13.15	12.52	0.03	0.04	Pass	Pass
Port10	12.77	13.42	0.06	0.08	Pass	Pass
Port11	12.77	12.88	0.08	0.05	Pass	Pass
Port12	12.59	12.81	0.04	0.07	Pass	Pass
Port13	13.26	12.84	0.08	0.05	Pass	Pass
Port14	12.67	13.3	0.07	0.02	Pass	Pass
Port15	13.17	12.69	0.05	0.02	Pass	Pass
Port16	12.58	12.73	0.08	0.04	Pass	Pass
MAX	13.4	13.42	0.09	0.08	N/A	
MIN	12.58	12.52	0.03	0.01	N/A	
Average	12.99	12.9	0.06	0.05	N/A	
Uniformity(≤0.8dB)	0.25	0.23	Directivity(dB)		≥55	

Checked by: Chen Bin

QC By: Li Yu Rong