

- Small size, high reliability, wide operating wavelength range
- Application for EPON, GPON, FTTx networks
- G657A1 fiber or customer specified
- Splitter ration from 1:2 to 1:64



Part number

PRPLC-S01-XXX-XXX	Planar light wave circuit splitter, insert type
1 2	
*1 indicate splitter capacity:102=1X2;202=2X2;104=1X4;204=2X4;108=1X8;208=2X8;116=1X16;216=2X16...	
*2 indicate the splitter adapter style: FC=FC; FCA=FC/APC; LC=LC; LCA=LC/APC; SC=SC; SCA=SC/APC...	

Performance

Parameters	Specification					
Operating wavelength (nm)	1260-1650					
Type	1X2	1X4	1X8	1X16	1X32	1X64
Insertion loss (dB)	≤3.8	≤7.1	≤10.2	≤13.3	≤16.5	≤19.8
Loss uniformity (dB)	≤0.3	≤0.3	≤0.3	≤0.5	≤0.5	≤1.0
PDL (dB)	≤0.08	≤0.08	≤0.08	≤0.1	≤0.1	≤0.2
Type	2X2	2X4	2X8	2X16	2X32	2X64
Insertion loss (dB)	≤3.8	≤7.1	≤10.2	≤13.3	≤16.5	≤20.1
Loss uniformity (dB)	≤0.5	≤0.5	≤0.5	≤0.8	≤0.8	≤1.5
PDL (dB)	≤0.1	≤0.1	≤0.1	≤0.15	≤0.15	≤0.3
Return loss (dB)	≥55					
Directivity (dB)	≥55					
Wavelength dependent Loss (dB)	≤1.0					
Pigtail length (m)	1.0m or customer specified					
Fiber type	ITU G657A1 or customer specified					
Operating temperature (°C)	-40°C to +85°C					
Storage Temperature (°C)	-40°C to +85°C					

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