

PLC Splitter

1. Description:

Planar Lightwave Circuit Splitter is a passive component used for uniformly splitting. The PLC Splitter is built based on accurate alignment system and the mature manufacturing technology. It is fully compliant with Telcordia GR-1209/1221 reliability qualification requirement.

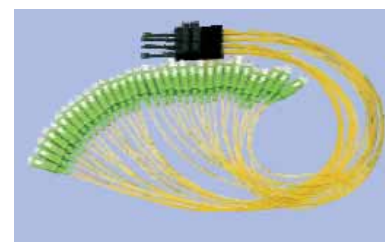
2. Features:

- * Good Uniformity
- * Low Insertion loss
- * Low PDL
- * Telcordia GR-1209 and GR-1221 qualified



3. Applications:

- * FTTH
- * LAN, WAN systems
- * CATV systems
- * Test equipment



4. Specifications:

Type Parameter	1×2	1×4	1×8	1×16	1×32	2×2	2×4	2×8	2×16	2×32	
Fiber type	SMF-28e or customize										
Operating wavelength	1260~1620										
Insertion loss (dB)	≤3.9	≤7.4	≤10.7	≤13.9	≤17.2	≤4.3	≤7.8	≤11.3	≤14.6	≤17.7	
Uniformity (dB)	≤0.6	≤0.6	≤0.8	≤1.2	≤1.7	≤1.2	≤1.5	≤1.6	≤1.9	≤2.3	
PDL (dB)	≤0.2	≤0.2	≤0.2	≤0.3	≤0.3	≤0.2	≤0.3	≤0.3	≤0.4	≤0.4	
Directivity (dB)	≥55										
Return loss (dB)	≥50										
Input port	250μm bare fiber or 0.9mm loose tube										
Output port	250μm fiber, ribbon fiber or 0.9mm loose tube fan out										
Fiber type	Complied to G.625D or G.657A										
Operating	-40~85										
Storage	-40~85										
Package dimensions	40×4×4				50×7×4		45×4×4			60×7×4(55×7×4)	

Note: Above specifications are for device without connector.

5. Product Ordering Information:

PLCS-X*X- X-X-XX/XXX-XX*XX

