



Feature

Planar lightwave circuit PLC splitter is a type of optical power management device that is fabricated using silica optical waveguide technology. It features small size, high reliability, wide operating wavelength range and good channel-to-channel uniformity, and is widely used in PON networks to realize optical signal power splitting. We provides whole series of 1xN and 2xN splitter products that are tailored for specific applications.



ODF PLC Specification								
Wavelength(nm)	1260-1650							
Parameters	1×4	1×8	1×16	1×32	2×4	2×8	2×16	2×32
Insertion Loss (with connector) (dB)	≤7.6	≤10.5	≤13.8	≤17.1	≤7.5	≤10.8	≤14.1	≤17.4
Uniformity (dB)	≤0.8	≤0.8	≤1.0	≤1.3	≤1.0	≤1.8	≤2.4	≤3.0
PDL(dB)	≤0.2	≤0.18	≤0.19	≤0.2	≤0.2	≤0.19	≤0.18	≤0.16
Size (Rack Mount) (H×W×L)(mm)	25x200x300			50x200x300	25x200x300			50x200x300
Return Loss (dB)	UPC≥50 APC≥55							
Directivity (dB)	≥55							
Temperature Range(°C)	-40 ~ +85							
Storage Temperature (°C)	-40 ~ +85							