

PLC mini splitter modules

SFF-type with SC/APC or LC/APC-connectors



10439070
2 x 32 PLC Mini splitter



10439010
1 x 8 PLC Mini splitter

- Based on planar lightwave technology
- Designed as 1 x N splitter with 1 input as well as 2 x N splitter with 2 redundant inputs
- Low through loss, very low PDL
- Excellent port-to-port uniformity

- Very high return loss
- Wide wavelength range
- Highly reliable and stable
- Available in 2 grades: Standard (S) and Premium (P)
- Both grades are qualified with Telcordia standard

1 x N PLC Mini splitter (1 input)

Parameter	1 x 2	1 x 4	1 x 8	1 x 16	1 x 32	1 x 64
Operating wavelength [nm]	1260 ... 1650	1260 ... 1650	1260 ... 1650	1260 ... 1650	1260 ... 1650	1260 ... 1650
Through loss* S/P [dB max.]	4,5/4,2	7,9/7,6	11,3/10,9	14,5/14,0	18,0/17,5	21,5/21,0
Uniformity loss S/P [dB max.]	0,6/0,6	0,8/0,6	1,0/1,0	1,3/1,1	1,5/1,5	1,8/1,8
PDL S/P [dB max.]	0,2/0,2	0,2/0,2	0,3/0,2	0,3/0,3	0,3/0,3	0,4/0,4
Directivity [dB min.]	55	55	55	55	55	55
Return loss [dB min.]	50	50	50	50	50	50
Maximum optical power [mW]	500	500	500	500	500	500
Operating temperature range [°C]	-40 ... +85	-40 ... +85	-40 ... +85	-40 ... +85	-40 ... +85	-40 ... +85
Storage temperature range [°C]	-40 ... +85	-40 ... +85	-40 ... +85	-40 ... +85	-40 ... +85	-40 ... +85
Pigtail length, fiber type [m]	1,5 (± 0,1), Corning SMF-28e XB acc. G657A, 900 µm loose tube					
Dimensions (H x W x L) [mm]	4 x 7 x 60	4 x 7 x 60	4 x 7 x 60	6 x 19 x 100	6 x 19 x 100	6 x 40 x 100
Order No.						
PLSC-(1xN)-P Premium SC/APC	10439100	10439105	10439110	10439115	10439120	10439125
PLLC-(1xN)-P Premium LC/APC	10439300	10439305	10439310	10439315	10439320	10439325