

### Overviews

Optical Splitter is an optical power device of light wavetechnology, based on quartz plate planar which is used in localside or termination of Passive Optical Network(EPON, BPON, GPON ..) for splitting of optical signal. It can be widely used in optical transmission,long distance transmission, subscriber loop, FTTH, telecommunication, CATV, testing devices, fiber optic sensor, data communication and WAN.

### Feature

- High precision attenuation
- Access/pon distribution
- Used in FTTX,CATV



### Specification

Parameters	1x4	1x8	1x16	1x32	1x64	2x4	2x8	2x16	2x32
Operating Wavelength (nm)	1260-1650								
Insertion Loss (dB) Max	7.2	10.5	13.5	16.5	20.5	7.5	11.2	14.2	17.4
	7.4	10.7	13.7	16.9	21	7.8	11.5	14.5	17.7
Loss uniformity (dB) Max	0.6	0.8	1.2	1.5	2.5	1.5	1.5	2	2.5
PDL(dB) Max	0.2	0.3	0.3	0.3	0.4	0.2	0.4	0.4	0.4
Return loss (dB)	>50								
Directivity(dB)	>55								
Fiber length (m)	1.2 or specify								
Fiber type	Corning-SMF-28e, Specify								
Operation temperature (C)	-40~85								

### Order Information

<b>PLC</b>	<b>-</b>	<b>1*XX</b>	<b>-</b>	<b>ABS</b>	<b>-</b>	<b>SCA</b>	<b>-</b>	<b>3.0</b>	<b>-</b>	<b>1.5</b>
↓		↓		↓		↓		↓		↓
PLC=		1*XX=		Module=		0=No connector		0.25=250um		0.5=0.5m
Optical		1x8		Black		SCA=SC/APC		0.9=900um		1=1m
Splitter		1x16		ABS		SCU=SC/UPC		2.0=2.0mm		1.5m=1.5m
		1x32		Module		FCA=FC/APC		3.0=3.0mm		3=3m
		...				...				...