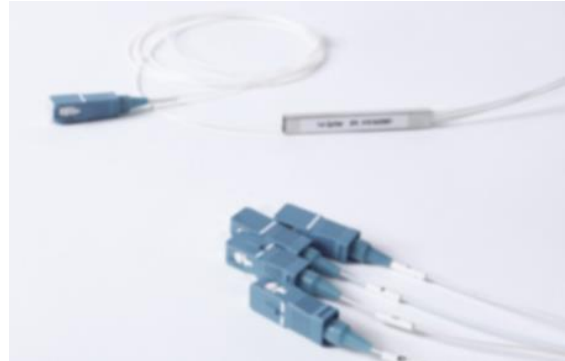


# Planar Lightguide Circuit Splitter

## SMALL FORM FACTOR Type

### DESCRIPTION

KOC's PLC Splitter divides uniformly optical signals from input ports to multiple outputs. It can also be operated in the reverse direction to combine multiple optical signals into one or two fibers with low insertion loss and uniformity. SFF(Small Form Factor)type PLC splitter has compact design with 0.9mm tubing on In&output and various connector types available.



### FEATURES

Low Insertion Loss and Uniformity  
Compliance with Telcordia GR-1209,1221 Core  
Compliance with Telcordia GR-326 Core (Connector)  
EU Regulation : RoHS  
Wide range of operating wavelength

### APPLICATION

Fiber To The Home network  
CATV network

### OPTICAL PERFORMANCE

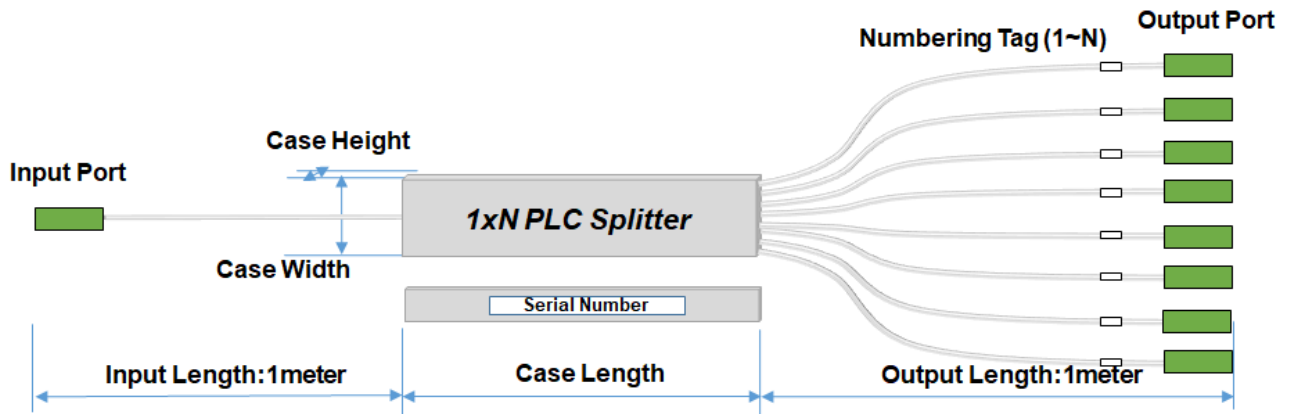
Port Configuration	Insertion Loss(Max)	Uniformity (Max)	PDL (Max)	Directivity (min)	Return Loss(min)	Case size (mm)
1x2	3.8dB	0.6dB	0.15dB	55dB	55dB	55x7x4
1x4	7.2dB	0.6dB	0.20dB			
1x8	10.5dB	0.8dB	0.20dB			
1x16	13.6dB	1.0dB	0.30dB			60x12x4
1x32	17.0dB	1.3dB	0.30dB			80x20x6
1x64	20.4dB	1.8dB	0.30dB			120x43x5

*In case of terminated with connector, Add 0.5dB at each port  
Operating wavelength : 1260~1650nm  
Fiber : G.657.A1 and G.657.A2 are available*

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## SMALL FORM FACTOR Type

### CONFIGURATION



### PART NO. & DETAILS

Classification	Part Number	Description
1xN SFF type	PLC102-A1-SFF-9L/10/SU-9L/10/SU	1x2 PLC Splitter with G.657.A1, SFF type Input : 0.9mm Loose tube, 1meter, with SC/UPC Output : 0.9mm Loose tube, 1meter, with SC/UPC
	PLC104-A1-SFF-9L/10/SA-9L/10/SA	1x4 PLC Splitter with G.657.A1, SFF type Input : 0.9mm Loose tube, 1meter, with SC/APC Output : 0.9mm Loose tube, 1meter, with SC/APC
	PLC108-A1-SFF-9L/10/SU-9L/10/SU	1x8 PLC Splitter with G.657.A1, SFF type Input : 0.9mm Loose tube, 1meter, with SC/UPC Output : 0.9mm Loose tube, 1meter, with SC/UPC
	PLC116-A1-SFF-9L/10/SA-9L/10/SA	1x16 PLC Splitter with G.657.A1, SFF type Input : 0.9mm Loose tube, 1meter, with SC/APC Output : 0.9mm Loose tube, 1meter, with SC/APC
	PLC132-A1-SFF-9L/10/SU-9L/10/SU	1x32 PLC Splitter with G.657.A1, SFF type Input : 0.9mm Loose tube, 1meter, with SC/UPC Output : 0.9mm Loose tube, 1meter, with SC/UPC
	PLC164-A1-SFF-9L/10/SA-9L/10/SA	1x64 PLC Splitter with G.657.A1, SFF type Input : 0.9mm Loose tube, 1meter, with SC/APC Output : 0.9mm Loose tube, 1meter, with SC/APC

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### ORDERING INFORMATION

