

Planar Lightguide Circuit Splitter

RIBBON 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.



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	40x4x4
1x4	7.2dB	0.6dB	0.20dB			
1x8	10.5dB	0.8dB	0.20dB			
1x16	13.6dB	1.0dB	0.30dB			
1x32	17.0dB	1.3dB	0.30dB			55x7x4
1x64	20.4dB	1.8dB	0.30dB			60x12x4

Connector Loss is not included in IL and Uniformity

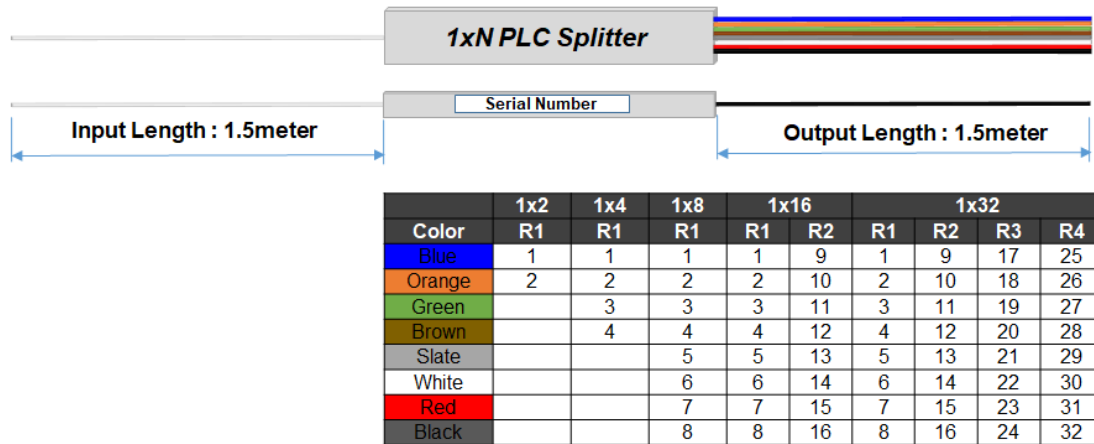
Operating wavelength : 1260~1650nm

Fiber : G.657.A1 and G.657.A2 are available

Planar Lightguide Circuit Splitter

RIBBON Type

CONFIGURATION



[Table A : Output Ribbon Fiber Color Code]

PART NO. & DETAILS

Classification	Part Number	Description
1xN Ribbon type	PLC102-A1-RBN-B/10/N-R/10/N	1x2 PLC Splitter with G.657.A1, Ribbon type Input : 0.25mm(Bare), 1meter, without Conn. Output : 4C Ribbon fiber, 1meter, without Conn.
	PLC104-A1-RBN-B/10/N-R/10/N	1x4 PLC Splitter with G.657.A1, Ribbon type Input : 0.25mm(Bare), 1meter, without Conn. Output : 4C Ribbon fiber, 1meter, without Conn.
	PLC108-A1-RBN-B/10/N-R/10/N	1x8 PLC Splitter with G.657.A1, Ribbon type Input : 0.25mm(Bare), 1meter, without Conn. Output : 4C Ribbon fiber, 1meter, without Conn.
	PLC116-A1-RBN-B/10/N-R/10/N	1x16 PLC Splitter with G.657.A1, Ribbon type Input : 0.25mm(Bare), 1meter, without Conn. Output : 4C Ribbon fiber, 1meter, without Conn.
	PLC132-A1-RBN-B/10/N-R/10/N	1x32 PLC Splitter with G.657.A1, Ribbon type Input : 0.25mm(Bare), 1meter, without Conn. Output : 4C Ribbon fiber, 1meter, without Conn.
	PLC164-A1-RBN-B/10/N-R/10/N	1x64 PLC Splitter with G.657.A1, Ribbon type Input : 0.25mm(Bare), 1meter, without Conn. Output : 4C Ribbon fiber, 1meter, without Conn.

Planar Lightguide Circuit Splitter

RIBBON Type

ORDERING INFORMATION

