

PLC Optical Splitter ABS Black





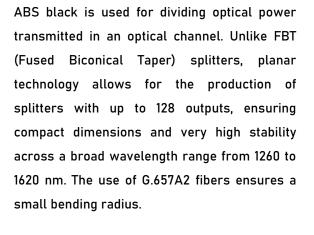
PLC ABS 1x16

Features:

- > high-quality construction,
- low insertion loss,
- > temperature stability,
- uniform splitting and consistent performance parameters.

Application:

- > FTTx networks and subscriber connections,
- > PON systems,
- > CATV networks,
- > LAN, WAN, MAN networks.



The PLC (Planar Wave Circuit) optical splitter



PLC ABS 1x2



PLC ABS 1x8

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TECHNICAL PARAMETERS

NAME/ PARAMETERS		1x2	1x4	1x8	1x16	1x32	1x64
Operating Wavelength (nm)		1260 ~ 1650					
Insertion Loss (IL) (dB)	Typical	3.6	6.8	10	13.1	16.2	20
	Maximum	4.0	7.4	10.7	13.7	16.8	21.0
Uniformity (dB)	Typical	0.3	0.4	0.5	0.6	0.8	1.2
	Maximum	0.4	0.6	8.0	1.2	1.5	2.5
PDL (dB)	Typical	0.1	0.1	0.15	0.15	0.15	0.2
	Maximum	0.2	0.2	0.3	0.3	0.3	0.4
Return Loss (RL) (dB)	Minimum	60 (APC) 50 (UPC)					
Directivity (dB)	Minimum	55					
Fiber Length (m)	m	2 x 1					
Fiber Type		9/125 G657A2					
WDL (dB)	Typical	0.2	0.2	0.2	0.3	0.3	0.3
	Maximum	0.3	0.3	0.3	0.5	0.5	0.5
TDL (dB) (-40~85°C)	Typical	0.2	0.2	0.2	0.3	0.3	0.3
	Maximum	0.4	0.4	0.4	0.5	0.5	0.5
Operating Temperature	°C	-40~85					
Storage Temperature	°C	-40~85					
Dimensions	mm	90x20x10 100x80x10 120x80x20)	

All PLC splitters are delivered with a certificate that includes:

- splitting ratio, connector type, fibre type and length
- measurement results for insertion loss (IL) and return loss (RL) expressed in decibels.

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