



PREFORMED LINE PRODUCTS
The connection you can count on.

Our New Family of High Performance
PLC Splitter Modules
**COYOTE[®] PLC SPLITTER
MODULES**



-  COMMUNICATIONS
-  ENERGY
-  NON-UTILITY
-  DATA COMMUNICATIONS
-  SOLAR

COYOTE[®]
FIBER OPTICS



PLP Fiber Optic Products

COYOTE® PLC Splitter Modules

Description

The Splitter Modules utilize PLC chips manufactured with Plasma Chemical Vapor Deposition (P-CVD) technology, and its patented fabrication process for providing stable optical specifications. The Modules' silica on silica waveguide and optical fiber array are tested to Telcordia GR-1209 and GR-1221. The splitters are designed to have low insertion loss, low polarization dependent loss (PDL), and high port uniformity.

Features

- 1 x 4, 1 x 8, 1 x 16, 1 x 32, and 1 x 64 configurations available
- Telcordia GR-1209 and GR-1221 qualified
- Low Insertion Loss, PDL, High Return Loss
- High output uniformity
- Compact package

Splitter Part No.	Splitter Ratio	Use with Splice Tray Kit Part No.				
800012235	1 x 4	80808524, 80808525, 80806033, 80805514				
800012236	1 x 8	80808524, 80808525, 80806033, 80805514				
800012237	1 x 16	80808524, 80808525, 80805514				
800012238	1 x 32	80808524, 80808525, 80805514				
PLC Splitter Specifications		Units	1 x 4	1 x 8	1 x 16	1 x 32
Operating Wavelength	nm		1260 - 1650	1260 - 1650	1260 - 1650	1260 - 1650
Insertion Loss Max.	dB		7.2 ¹	10.5 ¹	10.5 ¹	16.5 ¹
			Max. 8.0 ² Typ. 7.7 ²	Max. 11.5 ² Typ. 11.0 ²	Max. 14.5 ² Typ. 14.2 ²	Max. 17.5 ² Typ. 17.2 ²
Uniformity Max.	dB		0.6 ¹	0.8 ¹	1.2 ¹	1.7 ¹
PDL Max.	dB		0.2 ¹	0.3 ¹	0.3 ¹	0.3 ¹
Return Loss Min.	dB		55.0 ¹	55.0 ¹	55.0 ¹	55.0 ¹
Directivity Min.	dB		55.0	55.0	55.0	55.0
Operating Temperature	°C		-40 to +85	-40 to +85	-40 to +85	-40 to +85
Pigtails	m		1 (Standard) or Custom Length Available (Input / 250 Micron, Output / Ribbon fiber)			
Dimensions (L x W x H)	mm		40 x 4 x 4	40 x 4 x 4	40 x 4 x 4	50 x 7 x 4

¹Excluding WDL, TDL (Wavelength Dependant Loss, Temperature Dependant Loss)
Measured at room temp., 1310nm and 1550nm.

²Including WDL, TDL.

1 x 2 FBT Splitters and 1x64 PLC Splitter Modules are available upon request.



PREFORMED
LINE PRODUCTS

World Headquarters
660 Beta Drive
Cleveland, Ohio 44143

Mailing Address:
P.O. Box 91129
Cleveland, Ohio 44101

Telephone: 440.461.5200
Fax: 440.442.8816

Web Site: www.preformed.com
E-mail: inquiries@preformed.com

© 2008 Preformed Line Products
Printed in U.S.A.
CO-SS-1034
01.08.2M

