

1x16 PLC SPLITTER – PLCS-0116 Series



Features:

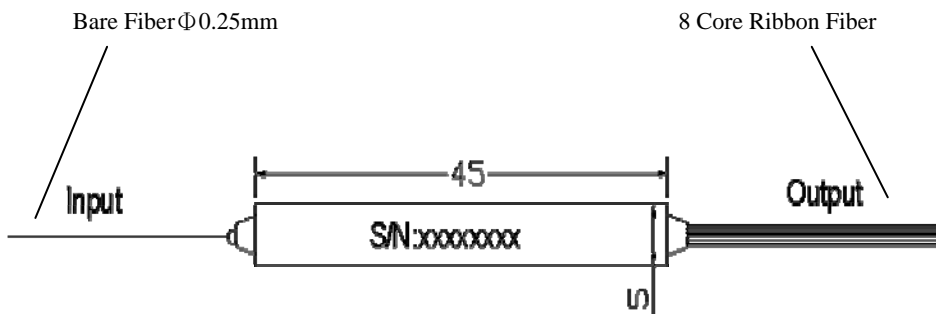
- Low Insertion loss
- Low PDL
- High Return Loss
- Uniform Power Splitting
- Compact Design
- Wide Operating Wavelength
- Wide Operating Temperature
- Excellent Environmental & Mechanical Stability
- Qualified Under Telcordia GR-1221 and GR-1209

Applications:

- FTTX (FTTP, FTTH, FTTN, FTTC)
- Passive Optical Networks (PON)
- Local Area Networks (LAN)
- CATV systems
- Test Equipments

Specifications	Unit	Parameter
Operating Wavelength	nm	1260 - 1650
Typ. Insertion Loss	dB	13.5
Max. Insertion Loss	dB	14.2
Max. Uniformity	dB	1.4
Max. TDL	dB	0.5
Max. PDL	dB	0.3
Min. Return Loss	dB	50
Min. Directivity	dB	50
Operating Temperature	°C	-40 to +85
Storage Temperature	°C	-40 to +85

Note: All the data above are tested without connectors.



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|------------|------------|
| 2 (Blue) | 1 (Blue) |
| 4 (Orange) | 3 (Orange) |
| 6 (Green) | 5 (Green) |
| 8 (Brown) | 7 (Brown) |
| 10 (Gray) | 9 (Gray) |
| 12 (White) | 11 (White) |
| 14 (Red) | 13 (Red) |
| 16 (Black) | 15 (Black) |



Ribbon No.	Fiber color	BLU	ORE	GRN	BWN	GRY	WHT	RED	BLK
fiber#1	Channel #	1	3	5	7	9	11	13	15
fiber#2	Channel #	2	4	6	8	10	12	14	16

Ordering Information:

P/N	Packaging Type		Input / Output Fiber	Fiber Length	In / Out Connector	
PLCS-0116	Tube	S: Standard rod L45.0 x W5.0 x H4.0mm	0.25: Ø250um bare fiber 0.90: Ø900um loose tube	1: 1.0m 2: 2.0m	01: FC/UPC 02: FC/APC 03: SC/UPC 04: SC/APC 05: LC/UPC	07: ST/UPC 08: MU/UPC 11: SMA
	Box	U: 1U rack(19") I: Indoor wall-mount O: Outdoor wall-mount X: Customized	2.0: Ø2.0mm Jacket 3.0: Ø3.0mm Jacket RF: Ribbon fiber FO: Fan-out splitter with Ø900um loose tube			
	Module	E: E type, plastic F: F type, plastic O: O type, metal L: L type, metal				

Type E: L100.0 x W80.0 x H10.0mm - Plastic Casing (for 1x4, 1x8, 2x4, 2x8 PLC Splitter)

Type F: L120.0 x W80.0 x H18.0mm - Plastic Casing (for 1x16, 1x32, 2x16 and 2x32 PLC Splitter)

Type O: L100.0 x W80.0 x H10.0mm - Metal Casing (for 1x4, 1x8, 2x4, 2x8 PLC Splitter)

Type L: L120.0 x W80.0 x H18.0mm - Metal Casing (for 1x16, 1x32, 2x16 and 2x32 PLC Splitter)