

2x16 PLC SPLITTER – PLCS-0216 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:

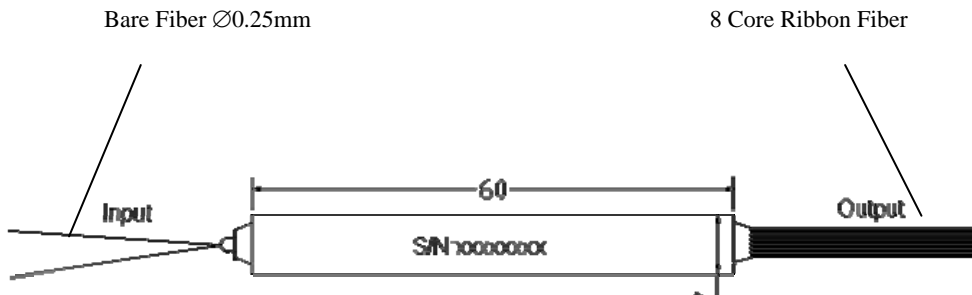
- FTTX (FTTP, FTTH, FTTN, FTTC)
- Passive Optical Networks (PON)
- Local Area Networks (LAN)
- CATV systems
- Test Equipments



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

Specifications	Unit	Value
Operating Wavelength	nm	1260 - 1650
Typ. Insertion Loss	dB	13.5
Max. Insertion Loss	dB	14.5
Max. Uniformity	dB	2.0
Max. TDJ	dB	0.5
Max. PDL	dB	0.4
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.



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-0216	Tube	S: Standard rod L60.0 x W7.0 x H4.0mm	0.25: Ø250um bare fiber 0.90: Ø900um loose tube	1: 1.0m 2: 2.0m	01: FC/UPC	07: ST/UPC
	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		02: FC/APC	08: MU/UPC
	Module	E: E type, plastic F: F type, plastic O: O type, metal L: L type, metal			03: SC/UPC	11: SMA
					04: SC/APC	
					05: LC/UPC	

- 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)