

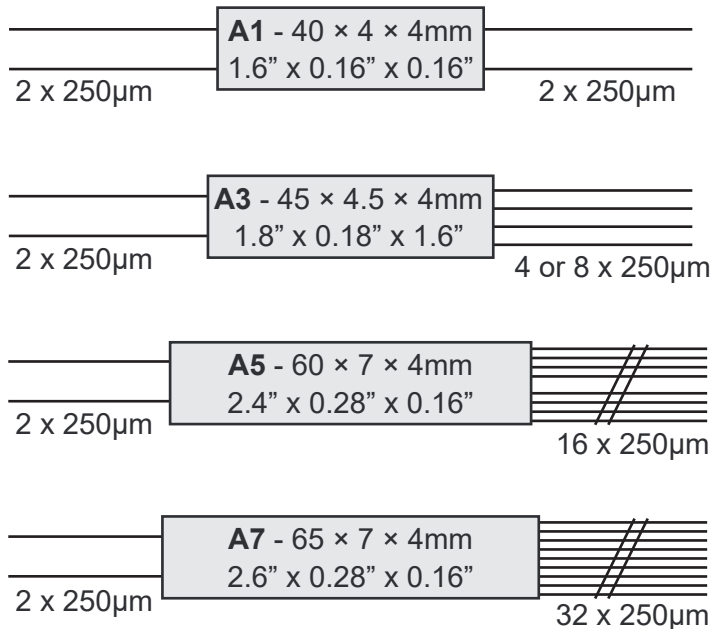
NON-CONNECTORIZED PLC COUPLER

Description

Netceed Non-Connectorized PLC Couplers (or Splitters) are passive optical devices that are used to couple or split an optical signal into at least 2 and as many as 32 signals. They are widely used in FTTx architectures to provide service for up to 32 users from a single optical signal.

Key Features

- 250µm input/output G657.A2
- No connectors, allows easily installation in fiber splice closure or joint box saving space
- Ideal for GPON, FTTx networks



Parameter	Specification				
	0202-3-A1	0204-3-A3	0208-3-A3	0216-3-A5	0232-3-A7
PLCS-					
Operation Wavelength (nm)	1260 ~ 1650nm				
Fiber Count (in x out)	2 x 2	2 x 4	2 x 8	2 x 16	2 x 32
Insertion Loss (Max) (dB)	≤4.2	≤7.2	≤10.6	≤13.8	≤17
Uniformity (Max) (dB)	≤0.8	≤1.0	≤1.2	≤1.5	≤1.8
Polarization Dependent Loss (dB)	≤0.2	≤0.3	≤0.3	≤0.3	≤0.3
Return Loss (dB)	≥55				
Directivity (dB)	≥55				
Temperature Dependent Loss (dB)	≤0.5				
Fiber Type	G657.A2				
Pigtail Type	250µm (Telcordia Color Code)				
Pigtail Length (M)	1.5, 2, 3				
Connector Type	No Connector				
Coupler Size (see above)	A1	A3	A5	A7	
Coupler Material	Stainless Steel Tube				
Operation / Storage Temp	-40 ~ +85°C, -40 ~ +185°F				

Part Number: PLCS-0202-3-A1-B-B-X-00

____ Fiber Count / Coupler Size:

02 / **A1**
04 or 08 / **A3**
16 / **A5**
32 / **A7**