



Simplex Fiber Optic Patch Cord Definition

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Left Connector		Core/ Cladding Size (Microns)		Cable OD		Length of Cable in Meters	Right Connector	
A	FC/UPC	5	50/125	B	250 μ	Eg.	A	FC/UPC
B	FC/APC						B	FC/APC
C	LC/UPC	6	62.5/125	9	900 μ	2 = 2 meters	C	LC/UPC
E	ST/UPC					3.2 = 3.2 meters	E	ST/UPC
J	SC/UPC	9	9/125	M	3 mm minicable		J	SC/UPC
K	SC/APC 8°						K	SC/APC 8°
L	SC/APC 9°			N	2 mm mini cable		L	SC/APC 9°
N	No Connector						N	No Connector

Example: A-99-2.5-J

Singlemode cable with 900 micron buffer, left connector is FC/UPC, right connector is SC/UPC. Cable length is 2.5 meters.

Optical Performance: Standard insertion loss for SM connectors is 0.2 dB.
 Standard insertion loss for MM connectors is 0.5 dB.
 Standard return loss for SM/UPC connectors is <45dB.
 Standard return loss for SM/APC connectors is <65dB.