


Optical: Jumpers and Connectors



Term	Meaning	Notes
SC	Subscriber / Standard Connector / Square Connector	
LC	Lucent Connector / Little Connector	
ST	Straight Terminus / Stick & Twist	
CS	Compact, ~twice as dense as LC	Some QSFP-* optics have multiple CS connectors for multiple transmitters /receivers
Singlemode		
Multimode		
Simplex		
Duplex		
UPC	Ultra Physical Contact/Connector	Connector and panel should be color coded blue. End of fiber core is concave
APC	Angle Physical Contact/Connector	Connector and panel should be color coded green. End of fiber core is diagonal
MU		Often referred to as "mini SC"
MPO	Multi-fiber push on	See Optical: Multi-fiber Push On (MPO)

Jumper jacket/cable color chart

Type	Jacket color	Meaning
Singlemode	Yellow	Single Mode
	Blue	Sometime used to designate polarization-maintaining fiber
Multimode	Orange	Multi Mode OM1. 62.5/125 µm (micron)
	Grey	Multi Mode OM1. (Legacy colour)
	Aqua	Multi Mode OM3. 10G Laser optimized 20/125 µm (micron)

Connector	Type	Notes
	Jumper Singlemode LC Duplex	Standard jumper, WiscNet stocks

	Jumper Singlemode SC Duplex	Standard jumper, WiscNet stocks
	Jumper Singlemode LC/LC Duplex Connector is split	Standard jumper, WiscNet stocks
	Jumper Singlemode MU/MU Simplex	

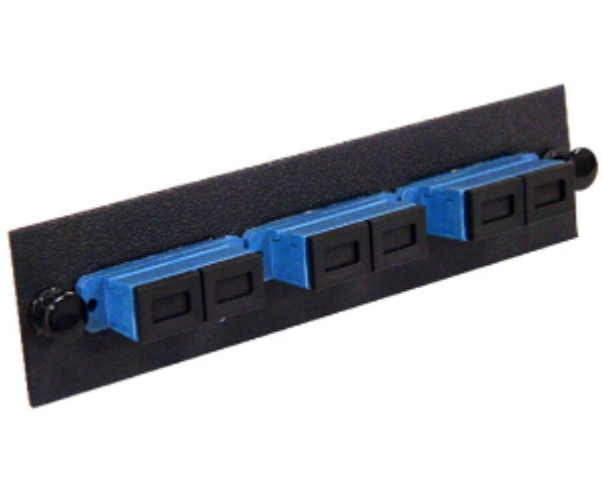
	<p>Jumper</p> <p>Singlemode</p> <p>CS/CS</p> <p>Simplex</p>	
	<p>Jumper</p> <p>Multimode</p> <p>LC</p> <p>Duplex</p>	
	<p>Jumper</p> <p>Multimode</p> <p>SC</p> <p>Duplex</p>	
	<p>Jumper</p> <p>Multimode</p> <p>SC/SC</p> <p>Duplex</p>	



Jumper
Multimode
ST
Simplex



Jumper
Multimode
LC/LC
Duplex



Panel
SC
UPC



Panel
SC
UPC

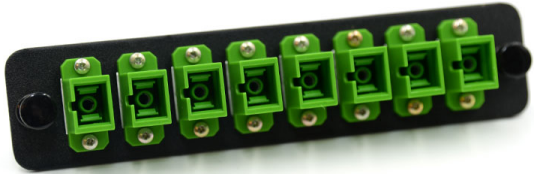


Panel
LC
UPC



Jumper
Singlemode
SC
APC

WiscNet does not stock



Panel
SC
APC