

# LIGHTSYSTEM® JUMPERS AND PIGTAILS



The Siemon Company offers a comprehensive line of fiber jumpers for connecting fiber links. Choose from simplex or duplex, multimode (62.5/125 or 50/125) or singlemode, SC or ST, jumpers, or pigtails. Assemblies are available in standard lengths of 1, 2, 3, and 5 meters. Custom lengths are also available. Each and every terminated connector is optically tested so that you can be assured that 100% of the Siemon-built cable assemblies meet the stringent performance specifications (shown below). All jumpers are manufactured using the finest quality connectors and OFNR riser grade fiber.

### MULTIMODE DUPLEX JUMPERS

- FJ2-SCSC(X)MM-(XX) . . . . SC-SC duplex jumper
- FJ2-SASA(X)MM-(XX) . . . . ST-ST duplex jumper
- FJ2-SASC(X)MM-(XX) . . . . ST-SC duplex jumper
- FJ2-LCLC(X)MM-(XX) . . . . LC-LC duplex jumper
- FJ2-LCSC(X)MM-(XX) . . . . LC-SC duplex jumper
- FJ2-LCSA(X)MM-(XX) . . . . LC-ST duplex jumper
- FJ2R-MTMT(X)MM-(XX) . . . MT-RJ-MT-RJ duplex jumper
- FJ2R-MTSC(X)MM-(XX) . . . MT-RJ-SC duplex jumper
- FJ2R-MTSA(X)MM-(XX) . . . MT-RJ-ST duplex jumper

### MULTIMODE SIMPLEX JUMPERS

- FJ1-SCSC(X)MM-(XX) . . . . SC-SC simplex jumper
- FJ1-SASA(X)MM-(XX) . . . . ST-ST simplex jumper
- FJ1-SASC(X)MM-(XX) . . . . ST-SC simplex jumper
- FJ1-LCLC(X)MM-(XX) . . . . LC-LC simplex jumper
- FJ1-LCSC(X)MM-(XX) . . . . LC-SC simplex jumper
- FJ1-LCSA(X)MM-(XX) . . . . LC-ST simplex jumper

### MULTIMODE SIMPLEX PIGTAILS

- FP1B-SC(X)MM-01 . . . . . SC simplex pigtail, 900 micron, buffered, 1m (3.3 ft.)
- FP1B-SA(X)MM-01 . . . . . ST simplex pigtail, 900 micron, buffered, 1m (3.3 ft.)
- FP1B-LC(X)MM-01 . . . . . LC simplex pigtail, 900 micron, buffered, 1m (3.3 ft.)

### SINGLEMODE DUPLEX JUMPERS

- FJ2-SCUSCU-(XX) . . . . . SC-SC duplex jumper
- FJ2-SCASCA-(XX) . . . . . SC-SC duplex jumper, APC\*
- FJ2-SAUSAU-(XX) . . . . . ST-ST duplex jumper
- FJ2-SAUSCU-(XX) . . . . . ST-SC duplex jumper
- FJ2-LCULCU-(XX) . . . . . LC-LC duplex jumper
- FJ2-LCUSCU-(XX) . . . . . LC-SC duplex jumper
- FJ2-LCUSAU-(XX) . . . . . LC-ST duplex jumper

### SINGLEMODE SIMPLEX JUMPERS

- FJ1-SCUSCU-(XX) . . . . . SC-SC simplex jumper
- FJ1-SCASCA-(XX) . . . . . SC-SC simplex jumper, APC\*
- FJ1-SAUSAU-(XX) . . . . . ST-ST simplex jumper
- FJ1-SAUSCU-(XX) . . . . . ST-SC simplex jumper
- FJ1-LCULCU-(XX) . . . . . LC-LC simplex jumper
- FJ1-LCUSCU-(XX) . . . . . LC-SC simplex jumper
- FJ1-LCUSAU-(XX) . . . . . LC-ST simplex jumper

### SINGLEMODE SIMPLEX PIGTAILS

- FP1B-SCU-01 . . . . . SC simplex pigtail, 900 micron, buffered, 1m (3.3 ft.)
- FP1B-SCA-01 . . . . . SC simplex pigtail, 900 micron, buffered, 1m (3.3 ft.), APC\*
- FP1B-SAU-01 . . . . . ST simplex pigtail, 900 micron, buffered, 1m (3.3 ft.)
- FP1B-LCU-01 . . . . . LC simplex pigtail, 900 micron, buffered, 1m (3.3 ft.)

## PERFORMANCE SPECIFICATIONS

	50/125µm Multimode		62.5/125µm Multimode		Singlemode
	850nm	1300nm	850nm	1300nm	
Min. Cable Bandwidth (MHz km)	500	500	200	500	n/a
Max. Insertion Loss (dB)	0.65 (0.40 Typical)				0.40 (0.25 Typical)
Min. Return Loss (dB)	20 (25 Typical)				50* (53 Typical)

Use (X) to specify multimode fiber type/jacket color: - = 62.5/125µm fiber, orange jacket, 6 = 62.5/125µm fiber, gray jacket, 5 = 50/125µm fiber, orange jacket

Use (XX) to specify cable length: 01 = 1m (3.3 ft.), 02 = 2m (6.6 ft.), 03 = 3m (9.8 ft.), 05 = 5m (16.4 ft.)

Custom lengths and jacket colors are available upon request. Contact our Customer Service Department for more information.

\*APC Jumpers and Pigtails have a minimum return loss of 65dB

