VALULIGHT™ JUMPERS & PIGTAILS

Siemon's ValuLight line of fiber cable assemblies provide exceptional value at a very competitive cost. ValuLight fiber cable assemblies meet TIA/EIA-568-B.3 and ISO/IEC 11801 specifications for insertion loss and return loss. They are ideal for commercial cabling data applications up to and including 1 gigabit. Cords are available in popular connector types and in both multimode and singlemode fiber versions. All jumpers and pigtails are covered by the Siemon product warranty.

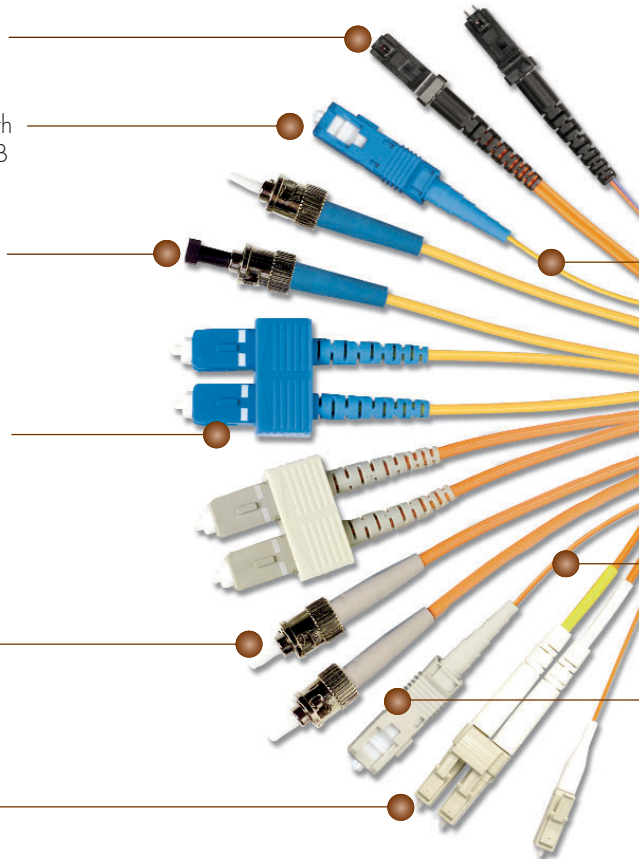MT-RJ jumpers available for multimode applications

Singlemode jumpers and pigtails feature a PC polish with a minimum return loss of 50 dB

Dust caps included to protect polish from dirt and damage

Connectors color coded per TIA/EIA-568-B.3 and ISO/IEC 11801:2002

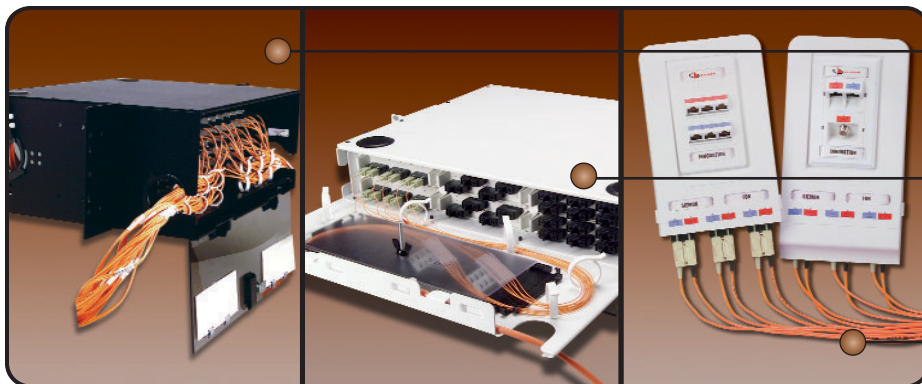ST connectors feature metal coupling nuts for durability

LC assemblies available for singlemode and multimode applications

Jumpers available in 1, 2, 3, and 5 meter standard lengths

Jacket color is TIA/EIA-598-B compliant: orange for multimode cable assemblies, yellow for singlemode

Pigtails available in 1 meter lengths and are offered in singlemode (yellow) and multimode (orange) versions

Jumpers are ideal for patching applications in the telecommunications room

Pigtails with buffered fiber are ideal for fusion splice applications in telecommunications room

Jumpers are ideal for patching applications in the work area

SIEMON™

FIBER PRODUCTS

Use, Care and Maintenance:

This procedure is a general guide for the use, care, and maintenance of fiber jumpers sold by Siemon and is included on each fiber jumper/pigtail bag.

- Keep all connectors clean. Replace protective dust caps on connectors when not in use.
- Clean the connector ferrule with a lint-free wipe soaked in isopropyl alcohol, followed with a dry lint-free wipe.
- Do not touch the connector ferrule tip prior to installation.
- Observe a minimum bend radius of 30mm (1.2 in.) during handling, installation and use.

PERFORMANCE SPECIFICATIONS

	50/125µm Multimode		62.5/125µm Multimode		Singlemode
Wavelength (nm)	850	1300	850	1300	n/a
Min. Cable Bandwidth (MHz-km)	500	500	200	500	n/a
Max. Insertion Loss (dB)	0.75 (0.15 Typical)				0.75 (0.25 Typical)
Min. Return Loss (dB)	20 (25 Typical)				50 (55 Typical)

ValuLight™ Multimode Duplex Jumpers:

J2-SCSC(X)-(XX) ....SC to SC duplex jumper, orange
J2-SASA(X)-(XX) ....ST to ST duplex jumper, orange
J2-SASC(X)-(XX) ....ST to SC duplex jumper, orange
J2-MTMT(X)-(XX)..........MT-RJ to MT-RJ duplex jumper, orange
J2-LCLC(X)-(XX) ....LC to LC duplex jumper, orange
J2-LCMT(X)-(XX) ....LC to MT-RJ duplex jumper, orange
J2-LCSC(X)-(XX)...........LC to SC duplex jumper, orange
J2-LCSA(X)-(XX)...........LC to ST duplex jumper, orange
J2-MTSC(X)-(XX)..........MT-RJ to SC duplex jumper, orange
J2-MTSA(X)-(XX)..........MT-RJ to ST duplex jumper, orange

ValuLight Multimode Pigtails:

P1B-SC(X)-01 ....SC simplex pigtail, orange, 900 micron, buffered, 1m (3.3 ft.)
P1B-SA(X)-01 ....ST simplex pigtail, orange, 900 micron, buffered, 1m (3.3 ft.)
P2B-MT(X)-01 ....MT-RJ duplex pigtail, orange, 900 micron, buffered, 1m (3.3 ft.)
P1B-LC(X)-01 ....LC simplex pigtail, orange, 900 micron, buffered, 1m (3.3 ft.)

ValuLight Singlemode Duplex Jumpers:

J2-SCSCP-(XX)...............SC to SC duplex jumper, yellow
J2-SASAP-(XX) ....ST to ST duplex jumper, yellow
J2-SASCP-(XX)...............ST to SC duplex jumper, yellow
J2-LCLCP-(XX)...............LC to LC duplex jumper, yellow
J2-LCSCP-(XX) ....LC to SC duplex jumper, yellow
J2-LCSAP-(XX) ....LC to ST duplex jumper, yellow

ValuLight Singlemode Simplex Pigtails:

P1B-SCP-01...................SC simplex pigtail, yellow, 900 micron, buffered, 1m (3.3. ft.)
P1B-SAP-01 ....ST simplex pigtail, yellow, 900 micron, buffered, 1m (3.3. ft.)
P1B-LCP-01 ....LC simplex pigtail, yellow, 900 micron, buffered, 1m (3.3. ft.)

Use (X) to specify multimode fiber type:
5 = 50/125µm fiber, 6 = 62.5/125µm fiber
Use (XX) to specify length:
01 = 1m (3.3 ft.), 02 = 2m (6.6 ft.), 03 = 3m (9.8 ft.),
05 = 5m (16.4 ft.)

Because we continuously improve our products, Siemon reserves the right to change specifications and availability without prior notice.
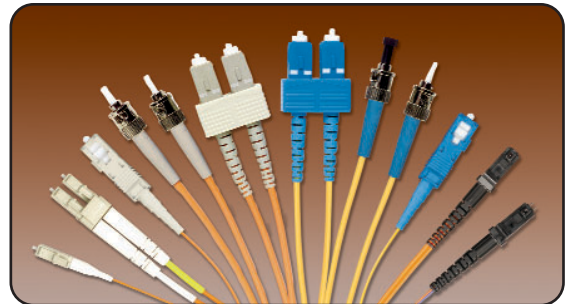
ValuLight™ is a trademark of Siemon

For related product information request Spec Sheet(s):
Rack Mount Interconnect Center (RIC3) (PROD-SS-RIC)
Fiber Optic Splicing Products (PROD-SS-FSP)

PROD-SS-VCJ Rev. E 3/05

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