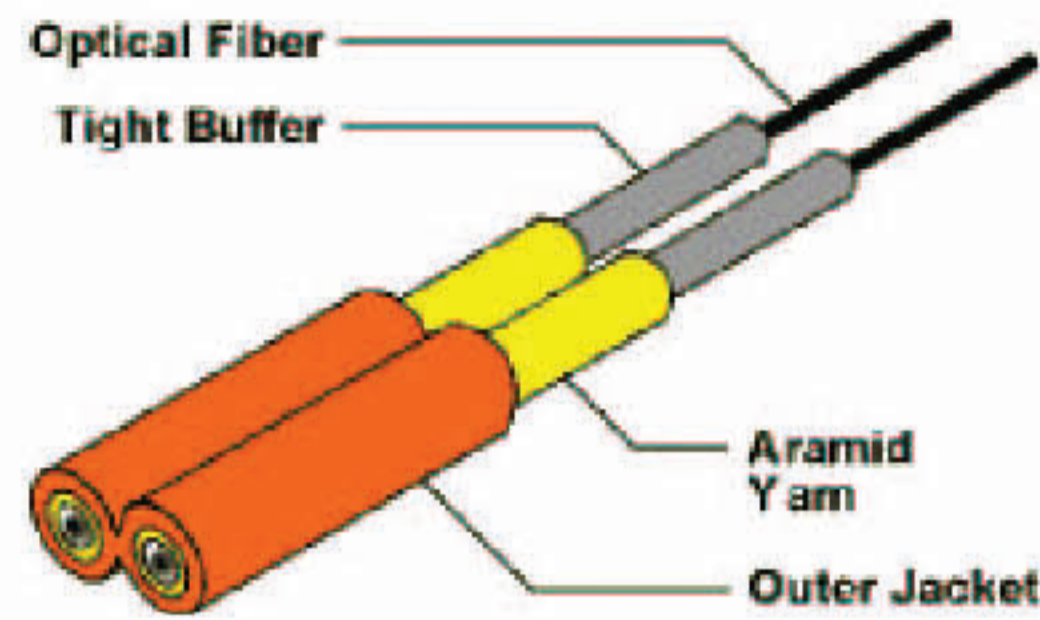


Description



- * Fiber Optic Duplex Patch Cords cables for Indoor or protected environments.
- * Highly flexible, specially designed for patch cord applications.
- * Available with three fiber types - Single Mode, Multi Mode 50/ 125 OM3 and Multi Mode 62.5/ 125.
- * Easy termination.
- * Aramid yarn reinforced jacket provides support and additional protection of fibers.
- * Individual fibers easily separated.
- * Conform to ANSI TIA/ EIA-455 and IEC-794.

Specifications

Construction

- * **Jaket**
Multi Mode cables are colored orange RAL 2003 and single mode cables are colored yellow RAL 1021.
- * **PVC**
Constructed of non-reclaimed aramid yarn fiber reinforced PVC. The material is flame- retardant and meets UL-94 V0 flammability requirements.
- * **LSZH**
Constructed of an aramid yarn fiber reinforced halogen-free compound material. The compound is specifically formulated to be fire retardant and, when exposed to high temperatures, emits non-toxic, non-corrosive gases (halogen-free) and low amounts of smoke.

Specifications

Mechanical

	Units	Value
Max. pulling load	N	400
Max. operating load	N	150
Min. bending radius for Installation (*) long term (*)		20xD 10xD
Compressive load	N	1000
Impact resistance	N*m	0.5
Twist (torsion) - length (*)		100xD
Flexing	Cycles	300
Cable weight	kg/ km	16
Cable dimensions	mm	2.8 x 5.6
Storage temperature range	°C	-40 to +70
Operating temperature range	°C	-40 to +50

Specifications

Standards

The series complies with ANSI/ TIA/ EIA-455 and IEC-794 standards.

Flammability Tests

* PVC

IEC-811, IEC-332-1, IEC-332-3, ASTM D-2633, UL 1581, UL 94, IEEE 383.

* LSZH

IEC-332-1, IEC332-3, IEC-754, ASTM D-2633, ASTM E-662, UL 1581, UL 1685/ FT4, UL 94, IEEE 383.

Features



- * Preassembled and individually tested Pigtails and Patch Cords.
- * Simplex or Duplex Patch Cord construction.
- * High quality LC, SC, MT-RJ and ST connectors.
- * Available with three fiber types - Single - Mode, Multi-Mode 50/ 125 and Multi-Mode 62.5/ 125.

Description

The Pigtails and Patch Cord series is constructed of 9.3/ 125 and 62.5/ 125 or 50/ 125 OM3 Multi Mode fibers. High quality LC, SC, MT-RJ and ST cords are available, as Simplex or Duplex cords, as well as with different connector at each end.

Individual fibers are protected in a tight buffer, housed within an LSZH outer jacket. Pigtail cables are buffered to 0.9mm.

Optical

LC Pigtails and Patch Cords

		Single Mode	Multi Mode
Typical Insertion Loss	dB	0.15	0.3
Maximum Insertion Loss	dB	0.25	0.4
Typical Return Loss	dB	50	-
Minimal Return Loss	dB	48	-

SC Pigtails and Patch Cords

		Single Mode	Multi Mode
Typical Insertion Loss	dB	0.15	0.3
Maximum Insertion Loss	dB	0.25	0.4
Typical Return Loss	dB	50	-
Minimal Return Loss	dB	48	-

MT-RJ Pigtails and Patch Cords

		Single Mode	Multi Mode
Typical Insertion Loss	dB	0.5	0.3
Maximum Insertion Loss	dB	0.7	0.5
Typical Return Loss	dB	35	-
Minimal Return Loss	dB	30	-

ST Pigtails and Patch Cords

		Single Mode	Multi Mode
Typical Insertion Loss	dB	0.5	0.3
Maximum Insertion Loss	dB	0.7	0.5
Typical Return Loss	dB	35	-
Minimal Return Loss	dB	30	-

Mechanical

Operating Temperature	°C	-40 to +75
Storage Temperature	°C	-55 to +85