

technical information

Fiber optic patch cords shall provide interconnect and cross-connect of applications over installations in entrance facilities, telecommunications rooms, data centers and at the desk. Colored patch cords support network applications in main, horizontal, and equipment distribution areas and are available in Plenum (OFNP) rated jacket materials to comply with local cabling ordinances.



application

Provide interconnect and cross-connect of applications in entrance facilities, telecommunications rooms, data centers, at the desk and network applications to interconnect pre-terminated cassettes in main distribution, horizontal distribution, and equipment distribution areas.

construction

Fiber count:	Duplex (2-Fibers) Jacketed Zipcord
Cable jacket ratings:	Optical Fiber Nonconductive Plenum (OFNP)
Fiber types:	Singlemode: OS2 Multimode: OM4+
Connector types, End 'A':	Keyed LC Duplex Non-Keyed LC Duplex
Connector types, End 'B':	Keyed LC Duplex Non-Keyed LC Duplex Non-Keyed SC Duplex

optical properties

Connector insertion loss (IL):	0.35dB max (OS2) 0.10dB max (OM4+)
Connector return loss (RL):	55dB min (OS2) 26dB (OM4+)

physical properties

Cable outside diameter (OD):	1.6mm duplex
Connector cable retention:	50 N @ 0°C 19.4 N @ 90°C
Connector durability:	500 cycles
Minimum bend radius:	1.6mm

environmental properties

Storage and shipping temperature:	-40°C to 70°C
Operating and installation temperature:	Plenum: 0°C to 60°C

standards

Meets or exceeds:	ISO/IEC 11801, TIA/EIA-568-C.3, TIA-568.3-D, TIA-604-3 (FOCIS-3), TIA-604-10 (FOCIS-10)
Restriction of Hazardous Substances (RoHS) Compliance:	All patch cord components meet the requirements of Directive 2002/95/EC.

Opti-Core® Fiber Optic Colored Patch Cords

part number configurator

Example: FS2EPKAKANAM001 = OM4+, 2 Fiber 1.6mm Patch Cord, Plenum, Keyed LC (Keyed A Black) to Keyed LC (Keyed A Black), Standard Polarity, Black Jacket, Ultra Insertion Loss - 1 Meter

Character	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Example	F	S	2	E	P	K	A	K	A	N	A	M	0	0	1

1 - Fiber Product
F = Fiber

2 - Fiber Type
9 = OS2
S = OM4+ Signature Core™

3 - Fiber Count
2 = 2-Fibers

4 - Jacket Type
E = 1.6mm

5 - Flame Rating
P = Optical Fiber Nonconductive Plenum (OFNP)

6 - Connector Type A*
K = Keyed LC Duplex
L = Non-Keyed LC Duplex
*The Keyed LC Duplex connector is always on End A for keyed to non-keyed patch cords.

7 - Connector Color A
A, B, C, D, E, F, G, H, J, K, N

8 - Connector Type B
K = Keyed LC Duplex
L = Non-Keyed LC Duplex
S = Non-Keyed SC Duplex

9 - Connector Color B
A, B, C, D, E, F, G, H, J, K, N

10 - Performance/Construction
S = Std A-B (OS2)
N = Ultra A-B (OM4+)

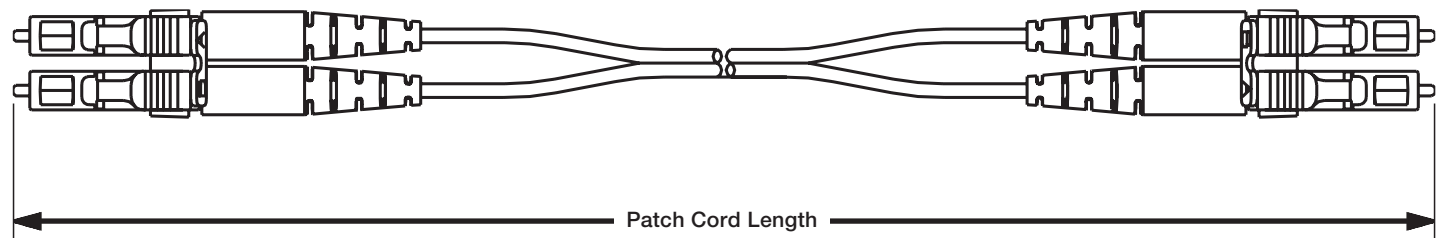
11 - Cable Color
A, B, C, D, E, F, G, H, J, K, L, P

12 - Unit of Length
M = Meters

13, 14, 15 - Length
001 - 050

Color Legend
A - Black
B - Red
C - Green
D - Yellow
E - Orange
F - Dark Blue
G - Violet
H - Aqua
J - Rose
K - Slate
N - Non-Keyed Std Color

Fiber Optic Patch Cord Detail



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