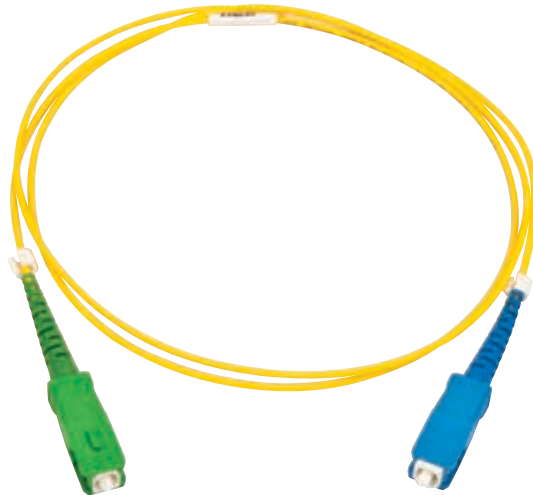


Communication Markets Division

3M™ Fiber Optic Patch Cords and Pigtails

3M™ Patch Cords provide the interface between distribution cables and active optical equipment. Patch cords are offered in simplex and duplex cable types in both singlemode and multimode fibers. Bend insensitive fibers meeting G.657-A2/B2 provide low light loss and tight bend radius in enterprise office applications. Factory-terminated connectors are designed to meet stringent mechanical and environmental specifications for most interconnect applications. 3M patch cords are designed especially for building back bone and passive optical LAN installations.

3M™ Pigtails provide a single connector terminated on 900 μm buffered fiber. The optical fiber meets G.657-A2/B2 bend insensitive specifications. Fibers are backward compatible with G.652-D fibers for easy splicing. Pigtails are provided in 2 meter lengths and the 12 standard TIA colors.



3M™ SC/APC to SC/UPC 1.6 mm Jacketed Simplex Patch Cord

Feature	Benefit
Bend insensitive fiber	Low light loss in tight bend radius (7.5 mm)
UPC and APC polishes	Industry intermateability
1.6 mm and 2.0 mm jacketing	Small size high density applications

3M™ LC/UPC Patch Cord Specifications

Specification	Fiber Type (each connector)	SC/APC	SC/UPC	LC/UPC
Attenuation (dB) Typical	Singlemode Multimode	0.3 0.2	0.3 0.2	0.3 0.2
Reflection (dB) Typical	Singlemode Multimode (50 μm)	-65 N/A	-45 -30	-45 -30
Operating temperature	Singlemode Multimode	-40° to 85°C -40° to 85°C	-40° to 85°C -40° to 85°C	-40° to 85°C -40° to 85°C
Storage temperature	Singlemode Multimode (50 μm)	-40° to 85°C -40° to 85°C	-40° to 85°C -40° to 85°C	-40° to 85°C -40° to 85°C
Cable rating	Singlemode Multimode	Riser Riser	Riser Riser	Riser Riser



3M™ LC/UPC to LC/UPC 2.0 mm Jacketed Duplex Patch Cord

3M SC/APC Pigtail Specifications

Specification	Fiber Type	SC/APC	SC/UPC	LC/UPC
Attenuation (dB) Typical	Singlemode Multimode	0.3 0.2	0.3 0.2	0.3 0.2
Reflection (dB) Typical	Singlemode Multimode (50 μm)	-65 N/A	-45 -30	-45 -30
Operating temperature	Singlemode Multimode	-40° to 85°C -40° to 85°C	-40° to 85°C -40° to 85°C	-40° to 85°C -40° to 85°C
Storage temperature	Singlemode Multimode (50 μm)	-40° to 85°C -40° to 85°C	-40° to 85°C -40° to 85°C	-40° to 85°C -40° to 85°C
Cable rating	Singlemode Multimode	Riser Riser	Riser Riser	Riser Riser



3M™ SC/APC 900 μm Buffer Pigtail

3M™ Fiber Patch Cords Ordering Information

Product Number	Product Description	3M ID	Min. Order
ADADA-CRYL001	Singlemode patch cord SC/UPC-SC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 1 m (3 ft)	80-6114-7928-0	16
ADADA-CRYL003	Singlemode patch cord SC/UPC-SC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 3 m (10 ft)	80-6114-7929-8	16
ADADA-CRYL005	Singlemode patch cord SC/UPC-SC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 5 m (17 ft)	80-6114-7930-6	16
ADADA-CRYL010	Singlemode patch cord SC/UPC-SC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 10 m (33 ft)	80-6114-7931-4	16
ADAEP-ARYL001	Singlemode patch cord SC/UPC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 1 m (3 ft)	80-6114-7916-5	16
ADAEP-ARYL003	Singlemode patch cord SC/UPC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 3 m (10 ft)	80-6114-7917-3	16
ADAEP-ARYL005	Singlemode patch cord SC/UPC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 5 m (17 ft)	80-6114-7918-1	16
ADAEP-ARYL010	Singlemode patch cord SC/UPC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 10 m (33 ft)	80-6114-7919-9	16
ADTDT-CRYL001	Singlemode patch cord LC/UPC-LC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 1 m (3 ft)	80-6114-7932-2	16
ADTDT-CRYL003	Singlemode patch cord LC/UPC-LC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 3 m (10 ft)	80-6114-7933-0	16
ADTDT-CRYL005	Singlemode patch cord LC/UPC-LC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 5 m (17 ft)	80-6114-7934-8	16
ADTDT-CRYL010	Singlemode patch cord LC/UPC-LC/UPC A2/B2 duplex ZIP OFNR 2.0 jacket, yellow, 10 m (33 ft)	80-6114-7935-5	16
AEPEP-ARYL001	Singlemode patch cord SC/APC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 1 m (3 ft)	80-6114-7920-7	16
AEPEP-ARYL003	Singlemode patch cord SC/APC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 3 m (10 ft)	80-6114-7921-5	16
AEPEP-ARYL005	Singlemode patch cord SC/APC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 5 m (17 ft)	80-6114-7922-3	16
AEPEP-ARYL010	Singlemode patch cord SC/APC-SC/APC A2/B2 simplex OFNR 1.6 jacket, yellow, 10 m (33 ft)	80-6114-7923-1	16

3M™ Fiber Patch Cords Ordering Information (cont.)

Product Number	Product Description	3M ID	Min. Order
AEPEP-CSIV003	Singlemode Patch cord, SC/APC-SC/APC A2/B2 duplex ZIP OFNP 2.0 jacket, ivory, 3 m (10 ft)	80-6114-7936-3	16
AEPEP-CSIV010	Singlemode Patch cord, SC/APC-SC/APC A2/B2 duplex ZIP OFNP 2.0 jacket, ivory, 10 m (33 ft)	80-6114-7937-1	16
AEPEP-CXIV003	Singlemode patch cord, SC/APC-SC/APC A2/B2 simplex OFNP 2.0 jacket, ivory, 3 m (10 ft)	80-6114-7908-2	16
AEPEP-CXIV010	Singlemode patch cord, SC/APC-SC/APC A2/B2 simplex OFNP 2.0 jacket, ivory, 10 m (33 ft)	80-6114-7909-0	16
BDUDU-AWAQ001	Multimode patch cord LC/UPC-LC/UPC OM3 duplex ZIP OFNR 2.0 jacket, aqua, 1 m (3 ft)	80-6114-7960-3	16
BDUDU-AWAQ003	Multimode patch cord LC/UPC-LC/UPC OM3 duplex ZIP OFNR 2.0 jacket, aqua, 3 m (10 ft)	80-6114-7961-1	16
BDUDU-AWAQ005	Multimode patch cord LC/UPC-LC/UPC OM3 duplex ZIP OFNR 2.0 jacket, aqua, 5 m (17 ft)	80-6114-7962-9	16
BDUDU-AWAQ010	Multimode patch cord LC/UPC-LC/UPC OM3 duplex ZIP OFNR 2.0 jacket, aqua, 10 m (33 ft)	80-6114-7963-7	16

3M™ Fiber Pigtails Ordering Information

Product Number	Product Description	3M ID	Min. Order
AEP00-KIT-002	Singlemode pigtail kit SC/APC A2 simplex 900 µm buffer, 12 color, 2m (7 ft)	80-6114-7964-5	1
AEP00-BIBL002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, blue, 2 m (7 ft)	80-6114-7965-2	12
AEP00-BIOR002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, orange, 2 m (7 ft)	80-6114-7966-0	12
AEP00-BIGR002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, green, 2 m (7 ft)	80-6114-7967-8	12
AEP00-BIBR002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, brown, 2 m (7 ft)	80-6114-7968-6	12
AEP00-BISL002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, slate, 2 m (7 ft)	80-6114-7969-4	12
AEP00-BIWH002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, white, 2 m (7 ft)	80-6114-7970-2	12
AEP00-BIRD002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, red, 2 m (7 ft)	80-6114-7971-0	12
AEP00-BIBK002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, black, 2 m (7 ft)	80-6114-7972-8	12
AEP00-BIYL002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, yellow, 2 m (7 ft)	80-6114-7973-6	12
AEP00-BIVI002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, violet, 2 m (7 ft)	80-6114-7974-4	12
AEP00-BIRS002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, rose, 2 m (7 ft)	80-6114-7975-1	12
AEP00-BIAQ002	Singlemode pigtail SC/APC A2/B2 simplex 900 µm buffer, aqua, 2 m (7 ft)	80-6114-7976-9	12

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