FIBRAIN®
Fiber Optic Solutions

Connection components - fiber optic cabling

Patchcords and Pigtails
SILVER GRADE

INTRODUCTION:

Fibrain optical connection components are specifically designed and based on connectors, which comply with IEC/ PN-EN 61754 and IEC/PN –EN 61755. Patchcords & Pigtails of Silver Grade are available in a singlemode and multimode configuration with various types of connectors, cables and optical fibers. Fully automated preparation and polishing process ensure the highest quality and reliability. Therefore, detailed selection of the manufacturing components ensures the highest quality of the component.

APPLICATIONS:

✓ Telecommunication Networks,
✓ Local Area Network (LAN),
✓ FTTx, FTTD, FTTB, FTTH networks,
✓ CATV solution,
✓ CWDM networks.

FEATURES:

✓ Comply with IEC, TIA/EIA requirements,
✓ High quality and repeatability of the transmission parameters,
✓ Connectors are constructed from high quality plastic, resistant to corrosion and high temperatures with UL94-V0 flammability index or the high quality metal resistant to corrosion,
✓ Comply with UL94-V0
✓ Good value for money,
✓ LSOH cable's jacket,
✓ Wide range of available fibers and connectors.

TECHNICAL SPECIFICATION:

Parametr	Connectors SM PC	Connectors SM APC	Connectors MM PC
IL_{max} **against MASTER Acc. IEC 61300-3-4**	≤ 0.35 dB	≤ 0.35 dB	≤ 0.35 dB
IL_{mean} **against MASTER Acc. IEC 61300-3-4**	≤ 0.28 dB	≤ 0.28 dB	≤ 0.25 dB
RL against MASTER Acc. IEC 61300-3-6	≥ 50 dB	≥ 60 dB	≥ 30 dB

MATERIALS:

Connector housing: high quality plastic, resistant to corrosion and high temperature with UL 94-V0 flammability index or high quality metal resistant to corrosion.
Ferrule: high quality ceramic ferrule.
Fiber optic cables: single and multimode fiber in LSOH external jacket.

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1

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PACKING SYSTEM:

Patchcords and pigtails are packed in string bags, in the amount of: 1 piece in a zipper bag with the identification label located on each bag. Bulk package contains 10 bags with pigtails / patchcords.

ORDERING INFORMATION:

Grade	Connectors A	B	Boot type	Length [m]	Cable type		Fiber type	Cable diameter		Color,	
S Silver	SC	SC	S-standard	001.0	SX patchcord simplex	A	SMF G.652D	16	1.6 mm		OR*
	SCA	SCA			DX patchcord duplex	B	SMF G655	18	1.8 mm		Y*
	LC	LC			P9 pigtail 900 µm, easy-strip	C	SMF G656	24	2.8 mm		GR
	LCA	LCA			P9S pigtail 900 µm, semi-tight	D	SMF G657A1	28	0.9 mm		GY
	FC	FC			P9T pigtail 900 µm, tight	E	SMF G657A2	09			BL
	FCA	FCA			PS pigtail simplex cable	F	SMF G657B2				BK
	E2	E2			PD pigtail duplex cable	G	SMF G657B3				V
	E2A	E2A				H	MMF OM1				R
	ST	ST				I	MMF OM2				W
	MU	MU				J	MMF OM2+				AQ
	DIN	DIN				K	MMF OM3				BR
		XX				L	MMF OM4				P

* Standard colors of external tube for 1.6-2.8 mm cables, other colors can be ordered by a customer on request. Colors in the table concern 0.9 mm tube.

S-SCA-SCA-S-002.0-SX-A-18-Y Fibrain Silver Grade Patchcord, with SC APC connectors at both side, simplex, 2 m length, G.652D, 1.8 mm cable diameter, yellow coat.

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2