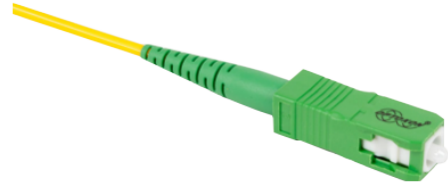


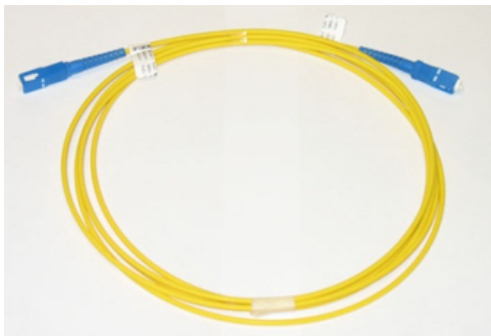
SC Patchcord

Description:

The **OPTOKON SC patchcords** are manufactured according to JIS, IEC, EIA/TIA and ANSI specifications for intermateability and optical performance. The SC patchcords are offered for both SM applications, with PC and APC polishing method. All OPTOKON connectors now come with the laser printed OPTOKON logo and patchcord cables are produced by OPTOKON Kable factory and have a LSZH (Low Smoke Zero Halogen) cable jacket, are 0.9 mm Easy Strip buffer type and bend insensitive ITU-T G.657.A2 fiber. Customized patchcord cable diameter and color according to demand is available. Set of twelve colored pigtailed are packed in a plastic bag, individually tested (label with test results and product description on bag) and come with a lifetime guarantee.



Features:



- Excellent geometrical and transmission parameters
- High mechanical resistance - pull proof
- Meets SC connector standards
- Available SM, MM simplex or duplex connector, duplex clip available separately
- Set of colored pigtailed available
- Pre-radiused ceramic ferrules configured for Ultra PC and Angle PC polishing
- Ferrule assembly has high resolution tuning feature

Specifications:

Insertion loss (IL) (IEC 61300-3-4)	SM Ultra PC Grade B	SM Ultra PC Grade A	SM Angle PC Grade C	SM Angle PC Grade B	SM Angle PC Grade A	SM Angle PC Grade A+
	0.12 dB typ 0.25 dB 97%	0.06 dB typ 0.15 dB 97%	0.25 dB typ 0.50 dB 97%	0.15 dB typ 0.25 dB 97%	0.06 dB typ 0.15 dB 97%	0.10 dB max
Return loss (RL ¹) (IEC 61300-3-6)	>50 dB	>55 dB	>60 dB	>65 dB	>65 dB	>85 dB ¹
Strain relief	100 N ²					
Operating temperature	-40°C to +85°C ²					
Durability	min 1000 cycles					
Assembly procedure	glue and polish					
Connection	physical contact					
Lock mechanism	snap-on					
Standards	ISO/IEC 11801, TIA 568A, IEC 61755-4, EN-50377-4					
Ferrule material	full ceramic zirconia					
Connector material	thermoplastic, zinc alloy nickel plated					

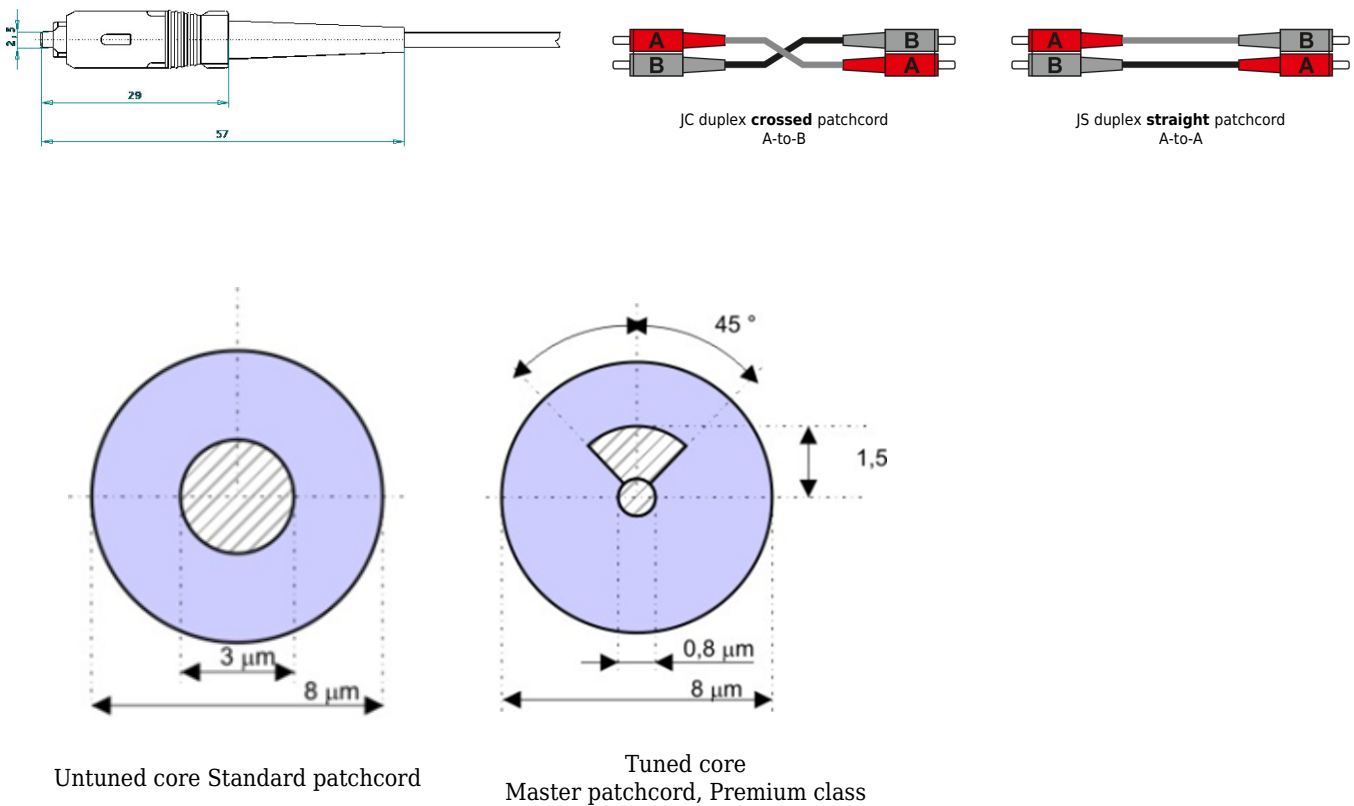
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Adapter material	polymer composite, zinc alloy
More detailed parameters refer to Technical specifications: MM: G01SC, SM: G03SC-PC_CE, G04SC-APC_CE	

Note:

- 1) RL >85 dB measured with low coherence reflectometry (IEC 61300-3-6 method 3 OLCR), RL valid for patchcord length ≤ 1.5 m
- 2) Conditioned by the type of cable
- 3) MM: IL=0.15 dB typ, RL>30 dB

Dimensions:



Fiber core is positioned inside the black area

Application:

- Telecom
- LAN, WAN
- CATV
- Sensor Systems, Measuring Technique
- Utilities, Railway

Ordering Code:

Color code:

BK	BN	RD	OG	YE	GN	BU	VT	GY	WH	PK	TQ
Black	Brown	Red	Orange	Yellow	Green	Blue	Violet	Grey	White	Pink	Turquoise

(2x) ⁴	AAA (D)	-	XXYYY	-	XX	-	(CC) ⁵	-	LLL																																					
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Note:

- 4) Two simple connectors in case duplex patchcord
5) Not filled when color is not defined
6) X - according fiber subtype (e.g. G.657.A1, A2, B3)
7) G.655 - various types available (TrueWave, Reduced Slope, TeraLight, Leaf, ...)
8) Grade A, A+ is not available for duplex patchcords