Fibre optic patch cable
LSH/APC to LC/PC, G657.A1

Application: Singlemode fiber jumpers are used for telecom networks and also for high speed metropolitan and access networks. They are manufactured using LSZH cables, which conform to IEC, EIA, TIA and Telcordia standards. The OS2 fiber jumpers are terminated with standard connectors, providing optimum optical performance.

Construction and technical data:

Strength member:	aramide
Sheathing material:	halogen-free
Colour of outer sheath:	yellow
Flame-retardant:	IEC 60332-1-2
Permitted operating temperature:	-20 - +75 °C
Maximum tensile strength (installation), N:	100 N
Plug A (patch cable):	LSH/APC
Plug B (patch cable):	LC/PC

The products and information presented here are for technical calculation only. They are subject to technical progress and in no way represent the ability of shipment. Outer diameters are approximately.

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Properties

	Optical Properties	value	Standard
Plugs 1 LSH/APC (green)	Optical Properties	value	Standard
	IEC Random Mating	Grade B	IEC 61755-1
	Attenuation max. (IL)	≤ 0.2 dB	IEC 61300-3-4
	Attenuation/Master (IL)	0.1 dB	IEC 61300-3-4
	Attenuation/Random (IL)	≤ 0.2 dB	IEC 61300-3-34
	Return loss (RL)	≥ 60 dB	IEC 61300-3-6
Plugs 2 LC/PC (blue)	IEC Random Mating	Grade B	IEC 61755-1
	Attenuation max. (IL)	≤ 0.2 dB	IEC 61300-3-4
	Attenuation/Master (IL)	0.1 dB	IEC 61300-3-4
	Attenuation/Random (IL)	≤ 0.2 dB	IEC 61300-3-34
	Return loss (RL)	≥ 50 dB	IEC 61300-3-6
cable	Version	Simplex, 2 mm	Duplex, 2 mm, Figure-8
fibres	Fibre class	Bend Insensitive Fibre G657.A1	

Fibre optic patch cord LSH/APC to LC/PC, G657.A1

Fibre attenuation @1310 nm cabled: 0.36 dB/km

Fibre attenuation @1550 nm cabled: 0.25 dB/km

Macro bending loss @1550 nm (10 turns Ø30 mm): ≤ 0.3 dB

part no.	part name	Number of fibres [n]	l [m]	w [mm]	h [mm]	Ø [mm]	G [kg/Stk.]
072054	Patch cord simplex LSH/APC - LC/PC E9/125 G657.A1 yellow -10.m-	1	10			1.6	0.0642
072304	Patch cord duplex LSH/APC - LC/PC E9/125 G657.A1 yellow -3.0m-	2	3	3.2	1.6		0.0317

Number of fibres	Number of fibres
l	Length, m (cable with assemblies)
w	Width
h	Height
Ø	outer diameter approx.
G	net weight