

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



## 1. Construction / Application

<b>Application</b>	Glasfasernetze für Telekommunikation: durchgängig (FTTX), bis zum Hausübergabepunkt (FTTH), bis in den Straßenverteiler (FTTC), sowie Hochgeschwindigkeitsnetze: optische Breitbandverkabelung für Daten-, Sprach- und Multimediaübertragung. Datenkommunikation in der Industrie und Verkabelung von Rechenzentren sowie Bürogebäuden.
<b>View</b>	

## 2. Properties

Plugs 1 LC/PC (blue)	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)	≥ 50 dB	IEC 61300-3-6
Plugs 2 SC/APC (green)	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
cable	Version	Simplex, 2 mm	Duplex, 2 mm, Figure-8
	material outer sheath, Colour	LSZH, yellow	
	Strength member	aramide	
	Max. tensile strength (N)	100	
	Temperature range (°C)	-20 to +75	
	Flame-retardant	IEC 60332-1	
fibres	Fibre class	Bend Insensitive Fibre G657.A1	
	Macro bending loss (10 turns Ø30 mm)	≤0.25 dB @ 1550 nm	
	Fibre attenuation (dB) / km	0.36 @ 1310 nm / 0.25 @ 1550 nm	

### 3. Order informations

part no.	Number of fibres	l [m]	Fibre class	part name
072211	1	0.5	G657A1 (E9/125)	Patch cord simplex LC/PC - SC/APC E9/125 G657.A1 yellow -0.5m-
072212	1	1	G657A1 (E9/125)	Patch cord simplex LC/PC - SC/APC E9/125 G657.A1 yellow -1.0m-
072213	1	2	G657A1 (E9/125)	Patch cord simplex LC/PC - SC/APC E9/125 G657.A1 yellow -2.0m-
072214	1	3	G657A1 (E9/125)	Patch cord simplex LC/PC - SC/APC E9/125 G657.A1 yellow -3.0m-
072215	1	5	G657A1 (E9/125)	Patch cord simplex LC/PC - SC/APC E9/125 G657.A1 yellow -5.0m-
072216	1	7	G657A1 (E9/125)	Patch cord simplex LC/PC - SC/APC E9/125 G657.A1 yellow -7.0m-
072217	1	10	G657A1 (E9/125)	Patch cord simplex LC/PC - SC/APC E9/125 G657.A1 yellow -10.0m-
072287	2	0.5	G657A1 (E9/125)	Patch cord duplex LC/PC - SC/APC E9/125 G657.A1 yellow -0.5m-
072288	2	1	G657A1 (E9/125)	Patch cord duplex LC/PC - SC/APC E9/125 G657.A1 yellow -1.0m-
072289	2	2	G657A1 (E9/125)	Patch cord duplex LC/PC - SC/APC E9/125 G657.A1 yellow -2.0m-
072290	2	3	G657A1 (E9/125)	Patch cord duplex LC/PC - SC/APC E9/125 G657.A1 yellow -3.0m-
072291	2	5	G657A1 (E9/125)	Patch cord duplex LC/PC - SC/APC E9/125 G657.A1 yellow -5.0m-
072292	2	7	G657A1 (E9/125)	Patch cord duplex LC/PC - SC/APC E9/125 G657.A1 yellow -7.0m-
072293	2	10	G657A1 (E9/125)	Patch cord duplex LC/PC - SC/APC E9/125 G657.A1 yellow -10,0m-

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.