

**patch cable - category 7 - S/FTP - 600 MHz - C7PS/F06**

- S/FTP (overall braid shield + foil shielded twisted pairs)
- 4x 2x AWG 26/7 - 600 MHz
- category 7 acc. to ISO/IEC 11801, EN 50173-1, IEC 61156-6 und EN 50288-4-2
- version with PVC or PUR jacket

PUR**PVC**

Flexible data cable for transmission of analog and digital signals in the frequency range up to 600 MHz. It is suitable for work area wiring, device connecting and patching. For the use in class D, E, EA and F applications like 10Base-T, 100Base-T, 1000Base-T, 10GBase-T, Token Ring, FDDI, ISDN, ATM, audio networks like Ethersound™ and DMX lighting controls. It fulfills the requirements to Category 7 patch cables acc. to ISO/IEC 11801, EN 50173-1, IEC 61156-6 und EN 50288-4-2. The version with PUR jacket is extremely resistant to abrasion, oils, microbes, chemicals and flexible down to -40 °C.

construction

conductor	stranded tinned copper, 7 x 0.16 mm (AWG 26/7)
core insulation	SFS-PE, Ø 1.03 mm
core stranding	2 cores twisted to a pair
twisting	4 shielded pairs stranded
pair shielding	AL/PET foil
overall shield	tinned copper braid
jacket	PVC ou PUR, black
overall diameter	6.3 mm

mechanics

min. bending radius	8x overall diameter
installation operation	4x outer diameter

electric

conductor resistance	< 145 Ω/km
operating capacity	45 pF/m
characteristic impedance	100 Ω ± 0.15%
signal speed	0.76 c
propagation delay	< 450 ns/100m
delay skew	< 3 ns/100m

Frequency [MHz]	attenuation [dB/10m]	Next [dB]	ACR [dB/100m]	EL-FEXT [dB/100m]	RL [dB]
	Typ.	Typ.	Typ.	Typ.	Typ.
1	0.28	95	95	95	23
4	0.55	95	94.5	93	27
10	0.85	95	94.1	90	30
31.25	1.5	90	88.5	75	30
62.5	2.1	88	85.9	70	30
100	2.7	86	83.3	58	28
200	3.85	84	80.2	50	26
300	4.7	82	77.3	47	24
500	5.7	78	72.3	42	22
600	6.75	75	68.3	40	21

order code	outer jacket	working temperature	colour	weight kg/m	standard lengths m
C7P06Y	PVC	-20°C / +70°C	black	0,044	100 / 300 / 500
C7P06P	PUR	-40°C / +70°C	black	0.04	100 / 300 / 500

technical specifications are subject to change