

**patch cable - category 5e - SF/UTP - 200 MHz - C5PSF[U/P]**

- SF/UTP (overall foil + braid shield)
- 4x 2x AWG 26/7 - 200 MHz
- category 5e acc. to ISO/IEC 11801, EN 50173-1, IEC 61156-6 and EN 50288-2-2
- version with PVC or PUR jacket

PUR**PVC**

Flexible data cable for transmission of analog and digital signals in the frequency range up to 200 MHz. It is suitable for work area wiring, device connecting and patching. For the use in class D like 10Base-T, 100Base-T, 1000Base-T, Token Ring, FDDI, ISDN, ATM, audio networks like EtherSound™ and DMX lighting controls. It fulfills the requirements to Category 5e patch cables acc. to ISO/IEC 11801, EN 50173-1, IEC 61156-6 und EN 50288-2-2. The version with PUR jacket is extremely resistant to abrasion, oils, microbes, chemicals and flexible down to -40°C.

construction

conductor	stranded bare copper, 7 x 0.16 mm (AWG 26/7)
core insulation	PE, Ø 0.96 mm
core stranding	2 cores twisted to a pair
twisting	4 pairs twisted
overall shield	AL/PET foil + tinned copper braid
jacket	PVC ou PUR, black
overall diameter	5.8 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	0.67 c
propagation delay	< 510 ns/100m
delay skew	< 25 ns/100m

Frequency [MHz]	attenuation [dB/10m]	Next [dB]	ACR [dB/100m]	EL-FEXT [dB/100m]	RL [db]
	Typ.	Typ.	Typ.	Typ.	Typ.
1	0.3	73	73	68	23
4	0.58	65	64	58	26
10	0.93	62	61	51	30
31.25	1.68	55	53	38	30
62.5	2.48	50	48	34	30
100	3.12	48	45	30	28
200	3.9	45	41	23	24

order code	outer jacket	working temperature	colour	weight kg/m	standard lengths m
C5PSY	PVC	-20°C / +70°C	black	0,042	50 / 100 / 200 / 300 / 500
C5PSP	PUR	-40°C / +70°C	black	0,038	50 / 100 / 200 / 300 / 500

technical specifications are subject to change