

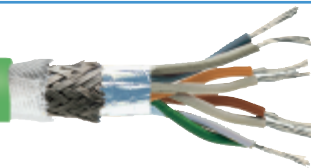
# Industrial Ethernet Cables CAT 5 & 5e

**PN 675** PVC Ethernet cable type B, for flexible applications, PLTC 600 V, CAT 5e

**S PN 676** PUR Ethernet cable type C, continuous flex, CAT 5



80°C 300V CSA AWM I/II A/B 80°C 300V FT2 CE



Marking for S PN 676 06762404:

SAB BRÖCKSKES · D-VIERSEN · S PN 676 CAT 5 Type C 4x2x24AWG x AWM Style 21198 80°C 300V CSA AWM I/II A/B 80°C 300V FT2 CE



<b>Construction:</b>	PN 675 type B flexible	S PN 676 type C continuous flex
Item numbers:	6752202	06762404
Dimensions:	2 x 2 x 22 AWG	4 x 2 x 24 AWG
Conductor:	tinned copper strands, fine wires	tinned copper strands, extra fine wires
Insulation:	Polyolefin	SABIX®
Color code:	orange & white/orange stripe green & white/green stripe	white conductors with numbers 1 - 4 + (blue, orange, green, brown)
Stranding:	in layers	twisted pairs
Wrapping:	—	non-woven tapes + alu foil
Shielding:	aluminum foil/polyester tape + 24 AWG (7/32) tinned copper drain wire	tinned copper braiding
Wrapping:	—	non-woven tape
Jacket material:	PVC	PUR
Jacket color:	teal	green (similar RAL 6018)

<b>Technical data:</b>	PN 675 type B flexible	S PN 676 type C continuous flex
Approvals:	c(UL) CMG 75C, (UL) PLTC-ER, (UL) AWM 2570 600V 80°C	UL, CSA
Peak operating voltage:	max. 350 V	max. 350 V
Voltage:	UL: 600 V	UL/CSA: 600 V
Testing voltage: conductor/conductor: conductor/shielding:	1500 V 1200 V	1500 V 1200 V
Min. bending radius: fixed installation: free movement: continuous flex:	5 x O.D. 10 x O.D. —	5 x O.D. 10 x O.D. 12 x O.D.
Temperature range VDE: static: flexible:	UL: up to +80°C -40/+80°C -25/+80°C	UL/CSA: up to +80°C -40/+90°C -30/+90°C
Halogen-free:	—	acc. to DIN VDE 0472 part 815 IEC 60754-1
Oil resistance:	oil resistance I	TMPU acc. to DIN VDE 0282 part 10 + HD 22.10
UV resistance:	yes	—
Characteristic impedance:	100Ω ± 15Ω (0.722-100.0 MHz)	100Ω ± 15Ω (0.722-100.0 MHz) 100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency acc. to EN 50288-2-2 (CAT 5 acc. to EN 50173-1)
Transmission performance:	1 - 250 MHz	—
Absence of harmful substances:	acc. to RoHS directive of the European Union, see page O/30	

item no.	type	jacket color	dimensions AWG	nominal outer-ø inch	mm	cable weight ≈lbs/mft	ohmic resistance at 20°C acc. to VDE 0812 max. Ω/km
▶ 6752202	PN 675	teal	22 (≈ 7/30)/2pr	0.310	7.9	45	—
▶ 6752204	PN 675	teal	22 (≈ 7/30)/4pr	0.330	8.4	59	—
▶ 06762404	S PN 676	green (similar RAL 6018)	24 (≈ 19/36)/4pr	0.327	8.3	53	145

Other dimensions and colors are available on request



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