

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



Marking for PN 675 6752202:

SAB NORTH AMERICA 6752202 2/P 22 AWG SHIELDED INDUSTRIAL ETHERNET CAT5E (UL) TYPE CMR c(UL) TYPE CMG 75C or (UL) PLTC SUN RES OIL RES I OR (UL) AWM STYLE 2570 80C 600V -- RoHS



Construction:	PN 675 type B flexible	S PN 676 type C continuous flex
Item numbers:	6752202	6752204
Dimensions:	2 x 2 x 22 AWG	4 x 2 x 22 AWG
Conductor:	tinned copper strands, fine wires	tinned copper strands, fine wires
Insulation:	Polyolefin	PFA/PP
Color code:	orange & white/orange stripe green & white/green stripe	blue & white/blue stripe orange & white/orange stripe green & white/green stripe brown & white/brown stripe
Stranding:	in layers	in layers
Wrapping:	—	—
Shielding:	aluminum foil/polyester tape + 24 AWG (7/32) tinned copper drain wire	—
Wrapping:	—	—
Jacket material:	PVC	PVC
Jacket color:	teal	teal

Technical data:	PN 675 type B flexible	S PN 676 type C continuous flex
Approvals:	c(UL) CMG 75C, (UL) PLTC, (UL) AWM 2570 600V 80°C	UL, CSA
Peak operating voltage:	max. 350 V	max. 350 V
Voltage:	UL: 600 V	UL/CSA: 300 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	oil resistance I
UV resistance:	yes	yes
Characteristic impedance:	100Ω ± 15Ω (0.722-100.0 MHz)	100Ω ± 15Ω (0.722-100.0 MHz)
Transmission performance:	1 - 250 MHz	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	—
▶ 6762404	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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