

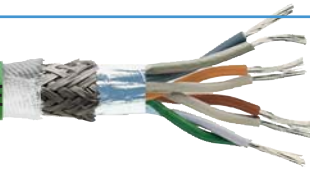
# INDUSTRIAL ETHERNET CABLES CAT 5

**PN 678** Ethernet cable type A, for fixed installation

**S PN 681** Ethernet cable type C, continuously flexible

**PN 679** Ethernet cable type B, for flexible applications

D-VIERSEN · PN 679 CAT 5 Typ B 4x2x26AWG CE



Marking for PN 679:

SAB BRÜCKSKES · D-VIERSEN · PN 679 CAT 5 Typ B 4x2x26AWG CE

<b>Construction:</b>	<b>PN 678</b> Ethernet cable type A <i>fixed laying</i>	<b>PN 679</b> Ethernet cable type B <i>flexible</i>	<b>S PN 681</b> Ethernet cable type C <i>continuously flexible</i>
<b>Dimension:</b>	4 x 2 x 26 AWG		
<b>Conductor:</b>	tinned copper wire	tinned copper strands, fine wires acc. to VDE 0812	tinned copper strands, extra fine wires
<b>Insulation:</b>	PE, L/MD acc. to DIN VDE 0819 part 103	PE, L/MD acc. to DIN VDE 0819 part 103	SABIX®
<b>Colour code:</b>	white cores with numbers 1 - 4 + (blue, orange, green, brown)		
<b>Stranding:</b>	twisted pairs		
<b>Wrapping:</b>	alu foil	PETP foil + alu foil	non-woven tapes + alu foil
<b>Screen:</b>	tinned copper braiding		
<b>Wrapping:</b>	---	non-woven tape	
<b>Sheath material:</b>	PVC	PUR	
<b>Sheath colour:</b>	green (similar RAL 6018)		

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<b>Technical data:</b>	<b>PN 678</b> Ethernet cable type A <i>fixed laying</i>	<b>PN 679</b> Ethernet cable type B <i>flexible</i>	<b>S PN 681</b> Ethernet cable type C <i>continuously flexible</i>
<b>Item number:</b>	0678-2604	0679-2604	0681-2604
<b>Peak operating voltage VDE:</b>	max. 350 V		
<b>Testing voltage:</b>	core/core 1500 V, core/screen 1200 V		
<b>Temperature range VDE</b> fixed laying: flexible application:	- 30°C / + 70°C - 5°C / + 70°C	- 40°C / + 70°C - 40°C / + 70°C	- 40°C / + 90°C - 30°C / + 90°C
<b>Min. bending radius</b> fixed laying: flexible application: continuously flexible:	5 x d	5 x d 10 x d	5 x d 10 x d 12 x d
<b>Characteristic impedance:</b>	100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency acc. to EN 50288-2-2 (CAT 5 acc. to EN 50173-1)		
<b>Halogen-free:</b>	---	acc. to DIN VDE 0472 part 815 + IEC 60754-1	
<b>Oil resistance:</b>	acc. to internal standard see page N/15	TMPU acc. to DIN VDE 0282 part 10 + HD 22.10	
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see page N/17		

item no.	type	no. of pairs	cross section AWG	max. core-ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km	ohmic resistance at 20°C acc. to VDE 0812 max.Ω/km
06782604	PN 678	4	26	1,10	6,2	33,0	49	150
06792604	PN 679	4	26	1,05	7,3	35,0	57	148
06812604	S PN 681	4	26	1,10	7,2	35,5	58	145

Other dimensions and colours are possible on request.