

# Industrial Ethernet Cables CAT 5

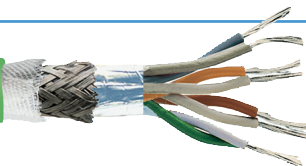
**PN 678** Ethernet cable type A, for fixed installation

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

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



D-VIERSEN · S PN 681 CAT 5 Typ C 4x2x26AWG CE



Marking for S PN 681 06812604:

SAB BRÖCKSKES · D-VIERSEN · S PN 681 CAT 5 Typ C 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 with reference to VDE 0812	tinned copper strands, extra fine wires
<b>Insulation:</b>	PE, L/MD acc. to EN 50290-2-23		SABIX®
<b>Colour code:</b>	white cores with numbers 1 - 4 + (blue, orange, green, brown)		
<b>Stranding:</b>	twisted to pairs and pairs together		
<b>Wrapping:</b>	---	PETP foil	non-woven tape
<b>Screen:</b>	alu foil and tinned copper braiding		
<b>Wrapping:</b>	---	non-woven tape	
<b>Sheath material:</b>	PVC	PUR	
<b>Sheath colour:</b>	green (similar RAL 6018)		

<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:</b>	max. 350 V		
<b>Testing voltage</b> core/core: core/screen:	1500 V 1200 V		
<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>Temperature range VDE</b> fixed laying: flexible application:	-30/+70 °C -5/+70 °C	-40/+70 °C -40/+70 °C	-40/+90 °C -30/+90 °C
<b>Halogen-free:</b>	---	acc. to IEC 60754-1 + VDE 0482-754-1	
<b>Oil resistance:</b>	acc. to internal standard, see chapter N „Technical data“	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2	
<b>Characteristic impedance:</b>	100Ω ± 10Ω, fulfils the electrical and transmission requirements with high frequency with reference to EN 50288-2-2 + VDE 0819-2-2 (CAT 5 acc. to EN 50173-1)		
<b>Absence of harmful substances:</b>	acc. to RoHS directive of the European Union, see chapter N „Technical data“		

item no.	type	dimension	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 x 2 x 26 AWG	1,10	6,2	33,0	48	150
06792604	PN 679	4 x 2 x 26 AWG	1,05	6,9	35,0	54	148
06812604	S PN 681	4 x 2 x 26 AWG	1,10	7,2	35,5	58	145

Other dimensions and colours are possible on request.

Also possible as harnessed cable with M12 or RJ 45 plug!



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