

Industrial Ethernet Cables CAT 5

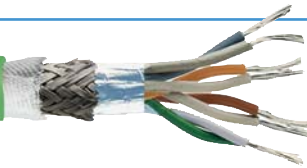
PN 678 Ethernet cable type A, for fixed installation

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

Construction:	PN 678 Ethernet cable type A <i>fixed laying</i>	PN 679 Ethernet cable type B <i>flexible</i>	S PN 681 Ethernet cable type C <i>continuously flexible</i>
Dimensions:	4 x 2 x 26 AWG		
Conductor:	tinned copper wire	tinned copper strands, fine wires with reference to VDE 0812	tinned copper strands, extra fine wires
Insulation:	PE, L/MD acc. to EN 50290-2-23		SABIX®
Colour code:	white cores with numbers 1 - 4 + (blue, orange, green, brown)		
Stranding:	twisted to pairs and pairs together		
Wrapping:	alu foil	PETP foil + alu foil	non-woven tapee + alu foil
Screen:	tinned copper braiding		
Wrapping:	---	non-woven tape	
Sheath material:	PVC	PUR	
Sheath colour:	green (similar RAL 6018)		

Technical data:	PN 678 Ethernet cable type A <i>fixed laying</i>	PN 679 Ethernet cable type B <i>flexible</i>	S PN 681 Ethernet cable type C <i>continuously flexible</i>
Item numbers:	0678-2604	0679-2604	0681-2604
Peak operating voltage:	max. 350 V		
Testing voltage core/core: core/screen:	1500 V 1200 V		
Min. bending radius fixed laying: flexible application: continuously flexible:	5 x d	5 x d 10 x d	5 x d 10 x d 12 x d
Temperature range VDE fixed laying: flexible application:	-30/+70 °C -5/+70 °C	-40/+70 °C -40/+70 °C	-40/+90 °C -30/+90 °C
Halogen-free:	---	acc. to IEC 60754-1 + VDE 0482-754-1	
Oil resistance:	acc. to internal standard see chapter N „Technical Data“	PUR, TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2	
Characteristic impedance:	100Ω ± 10Ω, accomplishes 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)		
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical Data“		

item no.	type	no. of conductors	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.