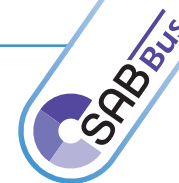


Industrial Ethernet Cables CAT 5

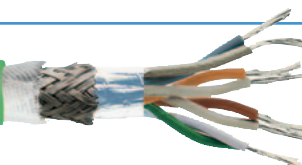
PN 678 Ethernet cable type A, for fixed installation

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 BRÜCKSKES · 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> |
|------------------|---|--|---|
| Dimension: | 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: | --- | PETP foil | non-woven tape |
| Screen: | alu foil and 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 number: | 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“ | TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2 | |
| Characteristic impedance: | 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) | | |
| Application: | suitable for EtherCAT and EtherNET/IP applications | | |
| Absence of harmful substances: | 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!



www.sab-cable.com