

Industrial Ethernet Cables

CATLine SPE C-Track Single-Pair-Ethernet cable, suitable for cable tracks
CATLine SPE Robot Single-Pair-Ethernet cable, suitable for robots
CATLine SPE HT Single-Pair-Ethernet cable, high temperature resistant



Marking for CATLine SPE C-Track 17771630:
 SAB BRÖCKSKES · D-VIERSEN · CATLine SPE C-Track 2xAWG26/7 17771630 AWM Style 20549 80°C 300V CE



| Construction: | CATLine SPE C-Track <i>suitable for cable tracks</i> | CATLine SPE Robot <i>suitable for robots</i> | CATLine SPE HT <i>high temperature resistant</i> |
|----------------------|--|--|--|
| Item numbers: | 17771630 | 17871630 | 17211620 |
| Dimensions: | 2 x 26 AWG | 2 x 26 AWG | 2 x 26 AWG |
| Conductor: | bare copper strands, 7 or 19 wires | bare copper strands, 7 or 19 wires | bare copper strands, 7 wires |
| Insulation: | special polymer | special polymer | TPFP |
| Color code: | white, blue | white, blue | white, blue |
| Stranding: | twisted to pairs | twisted to pairs | twisted to pairs |
| Inner jacket: | SABIX® | SABIX® | TPFP |
| Shielding: | alu foil + tinned copper braiding | alu foil + tinned copper braiding | alu foil + tinned copper braiding |
| Wrapping: | non-woven tape | non-woven tape | — |
| Jacket material: | PUR | PUR | Besilen® |
| Jacket color: | green (similar RAL 6018) | green (similar RAL 6018) | green |

| Technical data: | CATLine SPE C-Track <i>suitable for cable tracks</i> | CATLine SPE Robot <i>suitable for robots</i> | CATLine SPE HT <i>high temperature resistant</i> |
|---|--|--|--|
| Peak operating voltage: | max. 90 V | max. 90 V | max. 90 V |
| Voltage UL: | 300 V | 300 V | — |
| Testing voltage: conductor/conductor: conductor/shielding: | 2000 V 2000 V | 2000 V 2000 V | 2000 V 2000 V |
| Min. bending radius: fixed installation: free movement: continuous flex: | 5 x O.D. 10 x O.D. 15 x O.D. | 5 x O.D. 10 x O.D. 15 x O.D. | 5 x O.D. 10 x O.D. — |
| Torsion angle: | — | up to ± 180°/m | — |
| Temperature range: static: flexible: | UL: up to 80°C -40/+70°C -40/+70°C | UL: up to 80°C -40/+70°C -40/+70°C | -40/+180°C -25/+180°C |
| Temperature range conductor: | — | — | up to +180°C |
| Halogen-free: | acc. to IEC 60754-1 + VDE 0482-754-1 | acc. to IEC 60754-1 + VDE 0482-754-1 | — |
| Oil resistance: | very good - TMPU acc. to EN 50363- 10-2 + VDE 0207-363-10-2 | very good - TMPU acc. to EN 50363- 10-2 + VDE 0207-363-10-2 | — |
| Characteristic impedance: | 100Ω ± 10Ω, fulfills the electrical and transmission requirements with high frequency with reference to IEC 61156-12. Bandwidth 1 - 600 MHz. | | |
| UL Style | 20549 | 20549 | — |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see page O/30 | | |

| item no. | type | dimensions AWG | outer-ø | | cable weight ≈lbs/mft |
|------------|---------------------|--------------------|---------------|-------------|-----------------------------|
| | | | inch ± 10% | mm ± 10% | |
| ▶ 17771630 | CATLine SPE C-Track | 26 (7 strand)/1pr | 0.181 | 4.6 | 19 |
| ▶ 17771230 | CATLine SPE C-Track | 22 (19 strand)/1pr | 0.224 | 5.7 | 27 |
| ▶ 17871630 | CATLine SPE Robot | 26 (7 strand)/1pr | 0.181 | 4.6 | 19 |
| ▶ 17871230 | CATLine SPE Robot | 22 (19 strand)/1pr | 0.224 | 5.7 | 27 |
| ▶ 17211620 | CATLine SPE HT | 26 (7 strand)/1pr | 0.173 | 4.4 | 23 |
| ▶ 17211220 | CATLine SPE HT | 22 (7 strand)/1pr | 0.209 | 5.3 | 30 |

Other dimensions and colors are available on request



Outstanding features:

C-Track / Robot:

- UL recognized
- low cabling effort
- short latency periods
- small outer diameter
- free from paint wetting impairment substances (PWIS-free)

SPE HT:

- high temperature resistant
- flame retardant and self-extinguishing
- very easy installation