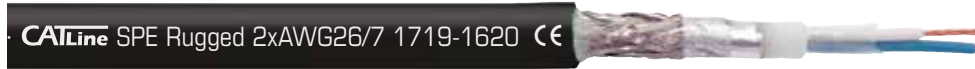


Industrial Ethernet cables

CATLine SPE Rugged

Single Pair Ethernet cable for robust indoor and outdoor use



marking example:

SAB BRÖCKSKES · D-VIERSEN · CATLine SPE Rugged 2xAWG26/7 1719-1620 CE

Construction:

| | |
|------------------|-------------------------------------|
| Conductor: | bare copper strands, 7 wires |
| Insulation: | TPFP |
| Colour code: | white/blue |
| Stranding: | twisted to pairs |
| Inner sheath: | SABIX® |
| Screen: | alu foil and tinned copper braiding |
| Wrapping: | non-woven tape |
| Sheath material: | PUR 420 with mat surface |
| Sheath colour: | black (RAL 9005) |

Technical data:

| | |
|--------------------------------|---|
| Peak operating voltage: | max. 90 V |
| Testing voltage: | core/core 750 V core/screen 750 V |
| Min. bending radius | |
| fixed laying: | 5 x d |
| flexible application: | 12 x d |
| Temperature range | |
| fixed laying: | -50/+90 °C / +125 °C/2500 h |
| flexible application: | -40/+90 °C / +125 °C/2500 h |
| Temperature range conductor: | up to +180 °C |
| Oil resistance: | very good - TMPU acc. to EN 50363-10-2 |
| Chemical resistance: | very good against acids, halogens, bases, chlorinated solvents as well as organic and inorganic compounds |
| Fuel resistance: | good |
| Battery acid resistance: | good |
| UV resistance: | acc. to HD 605 |
| Ozone resistance: | acc. to EN 50396 |
| Salt water resistance: | acc. to UL 1309 |
| Characteristic impedance: | 100Ω ± 10Ω, fulfils the electrical and transmission requirements with high frequency with reference to IEC 61156-12. Bandwidth 1 - 600 MHz. |
| Absence of harmful substances: | acc. to RoHS directive of the European Union, see chapter N „Technical data“ |

Outstanding features:

- » flexible up to -40 °C
- » absolutely weather resistant
- » very easy installation
- » small bending radius

| item no. | type | dimension | outer-ø ± 10% mm | copper figure kg/km | cable weight ≈ kg/km |
|----------|--------------------|--------------|------------------|---------------------|----------------------|
| 17191620 | CATLine SPE Rugged | 2 x 26/7 AWG | 4,5 | 16,9 | 29 |
| 17191220 | CATLine SPE Rugged | 2 x 22/7 AWG | 5,7 | 22,7 | 39 |

Other dimensions and colours are possible on request.



Customized plug-and-play solutions from cable manufacturing to customized cable assembly from a single source