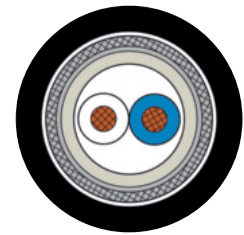
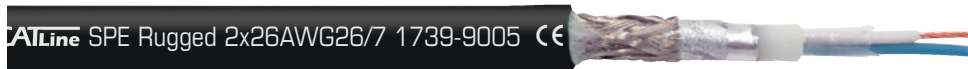


CATLine SPE Rugged

Single Pair Ethernet cable for robust indoor and outdoor use



Marking for CATLine SPE Rugged 17399005:

SAB BRÖCKSKES · D-VIERSEN · CATLine SPE Rugged 2xAWG26/7 1739-9005 CE

Construction:

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

Outstanding features:



- flexible up to -45 °C
- absolutely weather resistant
- very easy installation
- small bending radius

Technical data:

Peak operating voltage:	max. 90 V
Testing voltage:	core/core 750 V core/screen 750 V
Min. bending radius	
<i>fixed laying:</i>	5 x d
<i>flexible application:</i>	12 x d
Temperature range	
<i>fixed laying:</i>	-50/+90 °C / +125 °C/2500 h
<i>flexible application:</i>	-45/+90 °C / +125 °C/2500 h
Temperature range conductor:	up to +180 °C
Oil resistance:	very good - TMPU acc. to EN 50363-10-2
Fuel resistance:	good
Battery acid resistance:	good
UV resistance:	acc. to HD 605 S1
Ozone resistance:	acc. to EN 50396
Saltwater 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“

item group	type	dimension	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km
1739	CATLine SPE Rugged	2 x 28/7 AWG	3,9	12,1	23
1739	CATLine SPE Rugged	2 x 26/7 AWG	4,4	16,9	32
1739	CATLine SPE Rugged	2 x 24/7 AWG	5,0	18,4	38
1739	CATLine SPE Rugged	2 x 22/7 AWG	5,5	22,5	39

Other dimensions and colours are possible on request.