

Industrial Ethernet Cables



CATLine SPE Rugged

Single-Pair-Ethernet cable for robust indoor and outdoor use



Marking for CATLine SPE Rugged 17191620:

SAB BRÖCKSKES · D-VIERSEN · CATLine SPE Rugged 2x26AWG 17191620 CE

Construction:

Conductor:	bare copper strands, 7 wires
Insulation:	TPFP
Color code:	white, blue
Stranding:	twisted to pairs
Inner jacket:	SABIX®
Shielding:	alu. foil + tinned copper braiding
Wrapping:	non-woven tape
Jacket material:	PUR 420 with matte surface
Jacket color:	black (RAL 9005)

Outstanding features:

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

Technical data:

Peak operating voltage:	max. 90V
Testing voltage:	conductor/conductor: 750 V conductor/shielding: 750 V
Min. bending radius:	fixed installation: 5 x O.D. free movement: 12 x O.D.
Temperature range:	static: -50/+90°C / +125°C / 2500 h flexible: -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
Characteristic impedance:	100Ω ± 10Ω, fulfills the electrical and transmission requirements with high frequency with reference to IEC 61156-12. Bandwidth 1 - 600 MHz.
Approvals:	CE, RoHS
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

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item no.	type	dimensions AWG	outer-ø		cable weight ≈lbs/mft
			±10% inch	±10% mm	
▶ 17191620	CATLine SPE Rugged	26 (7 strand)/1pr	0.177	4.5	19
▶ 17191220	CATLine SPE Rugged	22 (7 strand)/1pr	0.224	5.7	26

Other dimensions and colors are available on request

Also possible as a cable assembly with USB type A or B plug CABLE ASSEMBLY AS POSSIBLE



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