

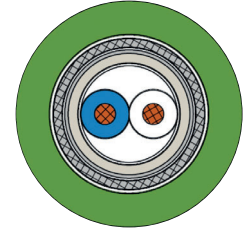
Industrial Ethernet Cables



CATLine SPE C-Track Single-Pair-Ethernet cable, suitable for cable tracks UL recognition

CATLine SPE Robot Single-Pair-Ethernet cable, suitable for robots UL recognition

CATLine SPE HT Single-Pair-Ethernet cable, high temperature resistant UL recognition



Marking for CATLine SPE C-Track 17771630:

SAB BRÖCKSKES · D-VIERSEN · CATLine SPE C-Track 2xAWG26/7 1777-1630 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>
Dimensions:	2 x 26 AWG		
Conductor:	bare copper strands, 7 wires		
Insulation:	special polymer		TPFP
Colour code:	white, blue		
Stranding:	twisted to pairs		
Inner sheath:	SABIX®		TPFP
Screen:	alu foil and tinned copper braiding		
Wrapping:	non-woven tape		---
Sheath material:	PUR		Besilen®
Sheath colour:	green (similar RAL 6018)		

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>
Item numbers:	1777-1630	1787-1630	1721-1620
Peak operating voltage:	max. 90 V		
Voltage UL:	300 V		600 V
Testing voltage core/core: core/screen:	2000 V 2000 V		
Min. bending radius fixed laying: flexible application: continuously flexible:	5 x d 10 x d 15 x d		5 x d 10 x d
Torsion angle:	---	up to ± 180°/m	---
Temperature range fixed laying: flexible application:	UL: up to +80 °C -40/+70 °C -40/+70 °C		UL: up to +150 °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		---
Oil resistance:	very good - PUR, TPU acc. to EN 50363-10-2 + VDE 0207-363-10-2		---
Characteristic impedance:	100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency with reference to CD IEC 61156-12 ED1 03/19. Bandwidth 1 - 600 MHz.		
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical Data“		



Outstanding features C-Track / Robot:

- UL recognized
- low cabling effort
- short latency periods
- small outer diameter
- labs uncritical
(labs = enamel moisturing interfering substances)



Outstanding features SPE HT:

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

item no.	type	no. of conductors	cross section AWG	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km	ohmic resistance at 20°C acc. to VDE 0812 max. Ω/km
17771630	CATLine SPE C-Track	2	26/7	5,3	16,9	37	140,0
17871630	CATLine SPE Robot	2	26/7	5,3	16,9	37	140,0
17211620	CATLine SPE HT	2	26/7	4,9	14,3	37	140,0

Other dimensions and colours are possible on request.