

# Industrial Ethernet cables

## CATLine SPE C-Track Hybrid

Single Pair Ethernet cable, suitable for cable tracks with power supply and UL recognition



marking example:

SAB BRÖCKSKES · D-VIERSEN · CATLine SPE C-Track Hybrid 2xAWG26/7+2xAWG18 1707-4267 AWM Style 2023 80°C 300V CE

Construction:	
Conductor:	bare copper strands
Insulation:	SPE-element: special polymer energy supply: special polymer
Colour code:	SPE-element: white, blue energy supply: red, black
Stranding:	in pairs
Screen:	alu foil white, blue
Stranding:	together
Screen:	tinned copper braiding
Wrapping:	non-woven tape
Sheath material:	PUR
Sheath colour:	green (similar RAL 6018)

Technical data:	
Peak operating voltage:	max. 90 V
Voltage UL:	300 V
Testing voltage:	core/core 2000 V core/screen 2000 V
Min. bending radius	
fixed laying:	5 x d
flexible application:	10 x d
continuously flexible:	15 x d
Temperature range	DIN VDE UL/CSA: up to +80 °C
fixed laying:	-40/+70 °C
flexible application:	-40/+70 °C
Halogen-free:	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
Characteristic impedance:	100Ω ± 10Ω, fulfils the electrical and transmission requirements with high frequency with reference to IEC 61156-12. Bandwidth 1 - 600 MHz.
Data transfer:	1 Gbit up to zu 40 m
UL Style:	20549
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical data“

- ### Outstanding features:
- » UL recognized
  - » appropriate for direct current supply from approx. 200 W with 24 V resp. 400 W with 48 V
  - » SPE plus energy supply
  - » short latency periods
  - » PFAS free
  - » PWIS uncritical  
(PWIS = paint-wetting impairment substances)

item no.	type	dimension	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
17074267	CATLine SPE C-Track Hybrid	2 x 26/7 AWG + 2 x AWG 18	6,2	38,2	66
17076267	CATLine SPE C-Track Hybrid	2 x 22/19 AWG + 2 x AWG 18	6,8	43,5	77

Other dimensions and colours are possible on request.



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