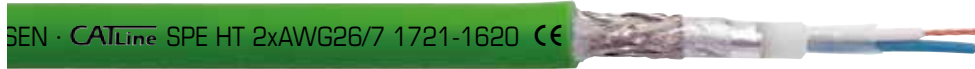


# Industrial Ethernet cables



## CATLine SPE HT

Single Pair Ethernet cable, high temperature resistant



marking example:

SAB BRÜCKSKES · D-VIERSEN · CATLine SPE HT 2xAWG26/7 1721-1620 CE

### Construction:

Conductor:	bare copper strands
Insulation:	TPFP
Colour code:	white/blue
Stranding:	twisted to pairs
Inner sheath:	TPFP
Screen:	alu foil and tinned copper braiding
Sheath material:	Besilen®
Sheath colour:	green

### Technical data:

Peak operating voltage:	max. 90 V
Testing voltage:	core/core 2000 V core/screen 2000 V
Min. bending radius	
fixed laying:	5 x d
flexible application:	10 x d
Temperature range	
fixed laying:	-40/+180 °C
flexible application:	-25/+180 °C
Temperature range conductor:	up to +180 °C
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:

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

item no.	type	dimension	outer-ø ± 10% mm	copper figure kg/km	cable weight ≈ kg/km
17211620	CATLine SPE HT	2 x 26/7 AWG	4,4	14,3	34
17211220	CATLine SPE HT	2 x 22/7 AWG	5,3	22,6	45

Other dimensions and colours are possible on request.



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