

Industrial Ethernet Cables CAT 6A

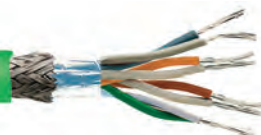


CATLine CAT 6A HT

Gigabit Ethernet cable – high temperature resistant



26AWG 1631-4631 AWM Style 21618 150°C 600V



Marking for CATLine CAT 6A HT 16314631:

SAB BRÖCKSKES · D-VIERSEN · **CATLine** Cat.6A HT 4x2x26AWG 16314631 AWM Style 21618 150°C 600V

Construction:

Conductor:	bare copper strands, fine wires
Insulation:	FEP
Color code:	white/blue, white/orange, white/green, white/brown
Stranding:	twisted to pairs
Wrapping:	PETP foil
Shielding:	alu. foil + tinned copper braiding
Jacket material:	FEP
Jacket color:	green (similar RAL 6018)

Outstanding features:



- high temperature resistant
- low temperature resistant
- flame retardant and self-extinguishing
- oil and chemical resistant
- UL recognized

Technical data:

Peak operating voltage:	max. 90 V
Voltage UL:	600 V
Testing voltage:	conductor/conductor: 2000 V conductor/shielding: 2000 V
Min. bending radius:	<i>fixed installation:</i> 5 x O.D. <i>free movement:</i> 10 x O.D.
Temperature range:	UL: up to +150°C <i>static:</i> -90/+180°C <i>flexible:</i> -55/+180°C
Burning characteristics:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + VDE 0482-332-1-2, UL VW-1
Oil resistance:	very good
Chemical resistance:	very good against acids, halogens, bases, chlorinated solvents as well as organic and inorganic compounds
Character impedance:	100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency with reference to EN 50288-10-2 (CAT 6A)
Approvals:	UL AWM Style 21618, CE, EAC, RoHS
Application:	suitable for EtherCAT and EtherNET/IP applications
Absence of harmful substances:	acc. to RoHS directive of the European Union see page O/30

item no.	type	dimensions AWG	max. cond.-ø mm	nominal outer-ø inch	mm	cable weight ≈lbs/mft
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▶ 16314631 CATLine CAT 6A HT 26 (≈ 7/34)/4pr

Other dimensions and colors are available on request

Also possible as a cable assembly with M12 or RJ 45 plug **CABLE ASSEMBLY POSSIBLE**

