

# CAT LINE CAT 6A HT

기가비트 이더넷 케이블-고온 저항



Marking for CATLine CAT 6A HT:

SAB BRÖCKSKES · D-VIERSEN · CATLine Cat.6A HT 4x2x26AWG 1631-4631 AWM Style 21618 150°C 600V CE

## Construction:

Conductor:	bare copper strands, fine wires
Core insulation:	FEP
Colour code:	white/blue, white/orange, white/green, white/brown
Stranding:	twisted to pairs
Wrapping:	non-woven tape
Screen:	alu foil
Screen:	tinned copper braiding
Outer sheath:	FEP
Sheath colour:	green (similar RAL 6018)

## Outstanding features:



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

## Technical data:

Peak operating voltage:	max. 90 V
Voltage UL:	600 V
Testing voltage:	core/core 1500 V core/screen 1200 V
Min. bending radius	
fixed laying:	5 x d
flexible application:	10 x d
Temperature range	UL: up to +150 °C
fixed laying:	-90/+180 °C
flexible application:	-55/+180 °C
Characteristic impedance:	100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency acc. to EN 50288-10-2 (CAT 6A)
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1 + EN 60332-1-2, UL VW1
Oil resistance:	very good
Chemical resistance:	very good against acids, halogens, bases, chlorinated solvents as well as organic and inorganic compounds
Absence of harmful substances:	acc. to RoHS directive of the European Union

item no.	type	no. of cores	cross section AWG	core-ø max. mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km
16314631	CATLine CAT 6A HT	4 x 2	26	max. 1,05	5,7	30,0	52

Other dimensions and colours are possible on request.