

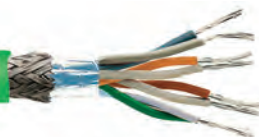
Industrial Ethernet Cables CAT 6A

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> <i>free movement:</i> | 5 x O.D. 10 x O.D. |
| Temperature range: <i>static:</i> <i>flexible:</i> | UL: up to +150°C -90/+180°C -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 |
|------------|-------------------|-------------------|-----------------------|-------------------------|-----|-----------------------------|
| ▶ 16314631 | CATLine CAT 6A HT | 26 (≈ 7/34)/4pr | 1.05 | 0.224 | 5.7 | 35 |

Other dimensions and colors are available on request

Also possible as a
cable assembly with
M12 or RJ 45 plug



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