

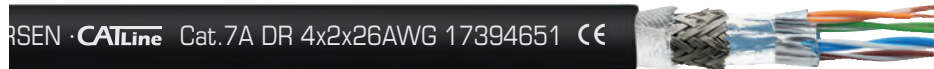
Industrial Ethernet Cables CAT 5e, 6A & 7A



CATLine CAT 5e DR CAT 5e reeling industrial Ethernet cable

CATLine CAT 6A DR CAT 6A reeling gigabit Ethernet cable

CATLine CAT 7A DR CAT 7A reeling gigabit Ethernet cable



Marking for CATLine CAT 7A DR 17394651:

SAB BRÖCKSKES · D-VIERSEN · CATLine Cat.7A DR 4x2x26AWG 17394651 CE

Construction:	CATLine CAT 5e DR <i>reeling Ethernet cable</i>	CATLine CAT 6A DR <i>reeling Ethernet cable</i>	CATLine CAT 7A DR <i>reeling Ethernet cable</i>
Item numbers:	15394651	16394651	17394651
Dimensions:	4 x 2 x 26 AWG	4 x 2 x 26 AWG	4 x 2 x 26 AWG
Conductor:	bare copper strands, fine wires	bare copper strands, fine wires	bare copper strands, fine wires
Insulation:	special polymer	special polymer	special polymer
Color code:	white-blue/blue, white-orange/orange, white-green/green, white-brown/brown	white-blue/blue, white-orange/orange, white-green/green, white-brown/brown	white-blue/blue, white-orange/orange, white-green/green, white-brown/brown
Stranding:	conductors twisted to pairs, pairs together	conductors twisted to pairs, pairs together	conductors twisted to pairs, pairs shielded with foil, pairs together
Wrapping:	non-woven tape	non-woven tape	—
Shielding:	alu foil	alu foil	aluminized non-woven tape
Shielding:	tinned copper braiding	tinned copper braiding	tinned copper braiding
Wrapping:	non-woven tape	non-woven tape	non-woven tape
Jacket material:	PUR / supporting braid/ PUR	PUR / supporting braid/ PUR	PUR / supporting braid/ PUR
Jacket color:	black (RAL 9005)	black (RAL 9005)	black (RAL 9005)

Technical data:	CATLine CAT 5e DR <i>reeling Ethernet cable</i>	CATLine CAT 6A DR <i>reeling Ethernet cable</i>	CATLine CAT 7A DR <i>reeling Ethernet cable</i>
Peak operating voltage:	max. 90 V	max. 90 V	max. 90 V
Testing voltage: conductor/conductor: conductor/shielding:	750 V 750 V	750 V 750 V	750 V 750 V
Min. bending radius for laying and installation (fixed installation): for repeated winding action (flexible application): guided on pulleys (flexible application):	5 x O.D. 10 x O.D. 12 x O.D.	5 x O.D. 10 x O.D. 12 x O.D.	5 x O.D. 10 x O.D. 12 x O.D.
Temperature range DIN VDE: static: flexible:	-50/+90°C -40/+90°C	-50/+90°C -40/+90°C	-50/+90°C -40/+90°C
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1	acc. to IEC 60754-1 + VDE 0482-754-1	acc. to IEC 60754-1 + VDE 0482-754-1
Oil resistance:	TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2	TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2	TMPU acc. to EN 50363-10-2 + VDE 0207-363-10-2
Characteristic impedance (100 MHz):	100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency with reference to EN 50288-2-2 / CAT 5	100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency with reference to EN 50288-10-2 / CAT 6A	100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency with reference to EN 50288-9-2 / CAT 7A
Weather resistance:	very good	very good	very good
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	outer-ø ±10% inch	outer-ø ±10% mm	cable weight ≈lbs/mft	tensile strength max. N
▶ 15394651	CATLine CAT 5e DR	26 (≈ 7/34)/4pr	1.05	0.335	8.5	53	200
▶ 16394651	CATLine CAT 6A DR	26 (≈ 7/34)/4pr	1.05	0.335	8.5	54	200
▶ 17394651	CATLine CAT 7A DR	26 (≈ 7/34)/4pr	1.05	0.413	10.5	79	200

Other dimensions and colors are available on request

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

