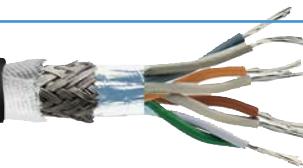


CATLine CAT 6A DR reeling Gigabit Ethernet cable

CATLine CAT 7A DR reeling Gigabit Ethernet cable

EN · CATLine Cat.6A DR 4x2x26AWG 1639-4651 CE



Marking for CATLine CAT 6A DR 16394651:

SAB BRÜCKSKES · D-VIERSEN · CATLine Cat.6A DR 4x2x26AWG 1639-4651 CE

Construction:	CATLine CAT 6A DR <i>reeling Ethernet cable</i>	CATLine CAT 7A DR <i>reeling Ethernet cable</i>
Dimensions:	4 x 2 x 26 AWG	
Conductor:	bare copper strands, fine wires	
Insulation:	special polymer	
Colour code:	white-blue/blue, white-orange/orange, white-green/green, white-brown/brown	
Stranding:	cores twisted to pairs, pairs together	cores twisted to pairs, pairs screened with foil, pairs together
Wrapping:	non-woven tape	---
Screen:	alu foil	aluminized non-woven tape
Screen:	tinned copper braiding	
Wrapping:	non-woven tape	
Sheath material:	PUR / supporting braid / PUR	
Sheath colour:	black (RAL 9005)	

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Technical data:	CATLine CAT 6A DR <i>reeling Ethernet cable</i>	CATLine CAT 7A DR <i>reeling Ethernet cable</i>
Item numbers:	1639-4651	1739-4651
Peak operating voltage:	max. 90 V	
Testing voltage core/core: core/screen:	750 V 750 V	
Min. bending radius	for laying and installation (fixed laying): 5 x d for repeated winding action (flexible application): 10 x d guided on pulleys (flexible application): 12 x d	
Temperature range VDE fixed laying: flexible application:	-50/+90 °C -40/+90 °C	
Halogen-free:	acc. to IEC 60754-1 + VDE 0482-754-1	
Oil resistance:	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 50288-10-2 / 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	
Absence of harmful substances:	acc. to RoHS directive of the European Union, see chapter N „Technical Data“	

item no.	type	no. of conductors	cross section AWG	max. core-ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km	tensile strength max. N
16394651	CATLine CAT 6A DR	8	26	1,05	8,7	32,0	81	200
17394651	CATLine CAT 7A DR	8	26	1,60	10,5	38,5	117	200

Other dimensions and colours are possible on request.