

CAT LINE CAT 5e BL / 6A BL / 7A BL

해상 용 할로겐 프리 이더넷 케이블



Marking for CATLine CAT 7A BL 17474421:

SAB BRÖCKSKES · D-VIERSEN · CATLine Cat.7A BL 4x2x24AWG 1747-4421 AWM Style 21080 75°C 300V CE

Construction:	CATLine CAT 5e BL,	CATLine CAT 6A BL	CATLine CAT 7A BL
Dimension:	2 x 2 x 24 AWG 2 x 2 x 22 AWG	4 x 2 x 26 AWG	4 x 2 x 24 AWG / 4 x 2 x 26 AWG
Conductor:	bare copper strands, fine wires		
Insulation:	special polymer		
Colour code:	blue, yellow, white, orange	white-blue/blue, white-orange/orange, white-green/green, white-brown/brown	
Stranding:	star quad	cores twisted to pairs, pairs together	cores twisted to pairs, pairs screened with foil, pairs together
Wrapping:	alu foil		
Screen:	tinned copper braiding		
Sheath material:	special SABIX®		
Sheath colour:	black		

Technical data:	CATLine CAT 5e BL	CATLine CAT 6A BL	CATLine CAT 7A BL
Item number:	1547-9001 1547-9002	1547-4621	1647-4621 / 1647-4421
Peak operating voltage:	max. 90 V		
Voltage UL:	300 V		
Testing voltage:	core/core 1500 V - core/screen 1200 V		
Temperature range VDE fixed laying: flexible application:	UL: up to + 75°C - 40°C / + 70 °C - 30°C / + 70 °C		
Min. bending radius fixed laying: flexible application (only 7 wires):	5 x d 10 x d		
Characteristic impedance (100 MHz):	100Ω ± 5Ω, 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 50288-2-2 / CAT 5	100Ω ± 10Ω, accomplishes the electrical and transmission requirements with high frequency with reference to EN 50288-10-2 / CAT 6A
Halogen-free:	acc. to IEC 60754-1		
Fire performance:	flame retardant and self-extinguishing acc. to IEC 60332-1-2 + EN 60332-1-2, no flame propagation acc. to IEC 60332-3-22 cat. A, UL Horizontal Flame Test FT2, UL AWM Style 21080		
Corrosiveness of conflagration gases:	IEC 60754-2 - no development of corrosive conflagration gases		
Smoke density	acc. to IEC 61034		
Flexibility:	good		
Absence of harmful substances:	acc. to RoHS directive of the European Union		

- Outstanding features:**
- ABS Type Approval
 - TR IEC 60092-370
 - halogen-free
 - asbestos-free
 - flame retardant and self-extinguishing
 - no flame propagation
 - UL recognized
 - EAC approval

item no.	type	no. of cores	cross section AWG	core-ø mm	outer-ø ± 5% mm	copper figure kg/km	cable weight ≈kg/km
15479001	CATLine CAT 5e BL	4	24/7	approx. 1,25	5,7	22,7	48
15479002	CATLine CAT 5e BL	4	22/7	max. 1,60	6,4	29,7	61
15474621	CATLine CAT 5e BL	8	26/7	max. 1,05	7,3	31,9	64
16474621	CATLine CAT 6A BL	8	26/7	max. 1,05	7,3	31,9	64
16474421	CATLine CAT 6A BL	8	24/7	approx. 1,33	8,3	41,1	81
17474621	CATLine CAT 7A BL	8	26/7	max. 1,60	8,9	38,5	85
17474421	CATLine CAT 7A BL	8	24/7	approx. 1,60	10,5	65,0	116

Other dimensions and colours are possible on request.