

BN UU6SL F PE

Data Cable U/UTP Cat 6 (PE Sheath) Fca

Suitable Applications: Networking, Composite Video, Digital Video

Standards: TIA/EIA-568-B.2, ISO/IEC 11801, CEI UNEL 36762, EN50575:2014, UE305:2011

Rev. 1 15 March 2024



D C B A

Physical Characteristics (Overall)

A. Inner conductor	Materials	Costruction
Copper wires	Cu	AWG24
Total number of Pairs		4
B. Separator	PE	
C. Insulation	Betalene	
Color insulation		
1 White/Blue Stripe & Blue		
2 White/Orange Stripe & Orange		
3 White/Green Stripe & Green		
4 White/Brown Stripe & Brown		
D. Jacket Material		
Polyethylene, black color	PE	5,50 ± 0,10
Minimal bending radius	30/60 mm	
Storage and operating temperature range	-40°C to +70°C	
Weight	30 kg/km	

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Electrical Characteristics

Impedance	100 ± 5 Ohm
Capacitance	52 nF/Km
Velocity ratio	66 %
Propagation delay	≤ 535 ns/100 m

Frequency MHz	Max IL dB/100m	Min RL dB	Min Next dB	PS-Next dB/100m	ACR-N dB/100m	PS ACR-N dB/100m	ACR-F dB/100m	PS ACR-F dB/100m
1	1,3	20	79	76	75	72	81	79
4	3,5	23	69	66	72	69	69	67
10	5,8	25	63	60	63	60	61	59
16	7,4	25	60	57	58	55	57	55
20	8,3	25	58	55	56	53	55	53
31,2	10,3	24	55	52	50	47	51	49
62,5	14,7	22	50	47	40	37	45	43
100	18,7	21	47	44	32	29	41	39
150	23,2	20	44	41	26	23	38	36
200	26,7	18	42	39	16	13	35	33
250	29,9	17	40	37	10	7	33	31

Condizioni of installation

Suitable for protected fixed installation in surface mounted or recessed ducts or similar enclosed systems.

Ref. CPR UE 305/11

Fire reaction classification: Euroclass Fca

European Directive Compliance: EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)

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