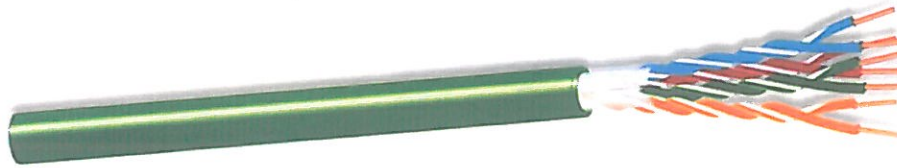




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Description **U-UTP 5E 4x2xAWG24/1 LSZH GREEN B2ca-s1ad1a1**



Marking

**U-UTP 4x2xAWG24/1 CAT 5E LSZH - ANSI/TIA/EIA 568 ISO/IEC 11801 C-4 (U0=400 V)
B2ca-s1ad1a1 - (Lot Nr.) (Metering) mt**

Color Black or Blue * = Lot of Production

Construction		nr x mm ²	4 x 2 x AWG24
Conductor	Material		Bare Copper
	Type		Solid
Insulation	Construction	n x mm	1 x 0,480
	Material		Polyethylene
	Pair Colors	1)	Blue - White/Blue
		2)	Orange - White/Orange
		3)	Green - White/Green
		4)	Brown - White/Brown
	Diameter	mm	0,90±0,05
Jacket	Material		Thermoplastic Halogen-free Polyolefin LSZH type M1
	Color		Green RAL 6018
	Diameter	mm	5,20±0,10

Characteristics

Frequency	MHz	1	4	8	10	16	20	25	31,25	62,5	100
Attenuation	dB / 100 mt	2,0	4,1	5,8	6,5	8,2	9,3	10,4	11,7	17,0	22,0
NEXT	dB / 100 mt	65,3	56,3	51,8	50,3	47,2	45,8	44,3	42,9	38,4	35,3
PSNEXT	dB	62,3	53,3	48,8	47,3	44,2	42,8	41,3	39,9	35,4	32,3
Return Loss	dB	20,0	23,0	24,5	25,0	25,0	25,0	24,3	23,6	21,5	20,1
ELFEXT	dB / 100 mt	63,8	51,8	45,7	43,8	39,7	37,8	35,8	33,9	27,9	23,8
PSELFEXT	dB / 100 mt	60,8	48,8	42,7	40,8	36,7	34,8	32,8	30,9	35,4	32,3
Delay	ns/100 mt	570	552	547	545	543	542	541	540	539	538

Characteristic Impedance (1-100 MHz)	Ohm	100 +/- 15
Mutual Capacity	nF/Km	<= 56
Max Delay Skew	ns/100 mt	<= 45
Pair-to-Ground Capacitance Unbalance	pF/100 mt	<= 330
Internal Conductor Resistance (at 20°C)	Ohm / km	105,0
Insulation Resistance	MOhm x Km	5.000
Max Delay Skew	ns/100 mt	<= 44
Resistance Unbalance	%	<= 5

Operating Temperature Range	Fixed Installation	- 15 °C / + 70 °C
Min. Bending Radius	Fixed Installation	10 x Diameter

Reaction to Fire (according to EN 50575) Euroclass B2ca-s1ad1a1

Date of Creation 14/01/2019
Last Update 14/01/2019