



Features

- Conductor: 23 AWG, Solid-Bare Copper Wires
- ISO9001 Certified Manufacturing Plant

Cat6A Armoured LSZH F/UTP Cable C6AUSG_A_LSZH



Specifications

Model		C6AUSG_A_LSZH			
Conductor	<i>Material</i>	Solid-Bare Copper	Outer Jacket	<i>Material</i>	LSZH
	<i>O.D.</i>	0.565		<i>O.D.</i>	11.1±0.80mm
Insulation	<i>Material</i>	PE	Electrical Characteristics(20°C)	<i>Conductor DC resistance</i>	≤93.8ohm/km
	<i>O.D.</i>	1.16±0.10mm		<i>Resistance unbalance</i>	≤5%
Filler	PE cross separator			<i>Insulation resistance</i>	≥5000MΩ x km
Tape	Mylar tape			<i>Dielectric strength</i>	DC1KV for 1min
Overall screen	AL/Mylar +Tinned copper drain wire			<i>Transmission performance</i>	ANSI/TIA-568.2-D
Inner Jacket	<i>Material</i>	LSZH	Operating Temperature	-20°C ~ 80°C	
	<i>O.D.</i>	7.90±0.40mm	Installation Temperature	0°C ~ 60°C	
Armored	<i>Material</i>	0.3mm galvanized steel wire braiding,	Min. Bending Radius	<i>Fixed</i>	8D (Cable diameter)
	<i>Coverage</i>	≥60%			

Specification							
Electric Performance	Frequency (MHz)	Attenuation Max. (dB)	Return Loss Min. (dB)	NEXT Min. (dB)	PSNEXT Min. (dB)	ACRF Min. (dB)	PSACRF Min. (dB)
	1	3.0	19.1	65.0	62.0	64.2	61.2
	4	3.5	21.0	64.1	61.8	52.1	49.1
	8	5.0	21.0	59.4	57.0	46.1	43.1
	10	5.5	21.0	57.8	55.5	44.2	41.2
	16	7.0	20.0	54.6	52.2	40.1	37.1
	20	7.8	19.5	53.1	50.7	38.2	35.2
	25	8.8	19.0	51.5	49.1	36.2	33.2
	31.25	9.8	18.5	50.0	47.5	34.3	31.3
	62.5	14.0	16.0	45.1	42.7	28.3	25.3
	100	18.0	14.0	41.8	39.3	24.2	21.2
	200	26.1	11.0	36.9	34.3	18.2	15.2
	250	29.5	10.0	35.3	32.7	16.2	13.2
300	32.7	9.2	34.0	31.4	14.6	11.6	
400	38.4	8.0	29.9	27.1	12.1	9.1	
500	43.8	8.0	26.7	23.8	10.2	7.2	

Construction

F/UTP 4 Pair Cable

Pair Identification

- Pair 1** White-Blue / Blue
- Pair 2** White-Orange / Orange
- Pair 3** White-Green / Green
- Pair 4** White-Brown / Brown

*** Category 6A Permanent link test extreme length 70m.

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.