



Features

- Armoured Cable
- Construction: F/UTP
- Conductor: 23AWG, Solid-Bare Copper
- Standard: IEC 60332-1-2, ANSI/TIA-568.2-D
- ISO9001 Certified Manufacturing Plant



Specifications

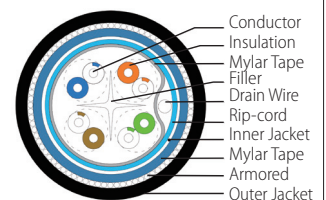
Model		C6AFU_A_LSZH			
Construction		F/UTP	Outer Jacket	Material	LSZH
Conductor	Material & O.D.	0.565mm Solid-Bare Copper		O.D.	12.00±0.60mm
Insulation	Material	PE	Electrical Characteristics (20°C)	Conductor DC Resistance	≤95ohm/km
	O.D.	1.18±0.10mm		Resistance Unbalance	≤5%
Filler		PE cross separator		Insulation Resistance	≥5000MΩ·km
Tape		Mylar tape		Delay Skew	≤25 ns/100m
Drain wire		Tinned copper wire	Characteristic Impedance	100±15ohm @100MHz	
Overall screen		AL/Mylar	Dielectric Strength	DC1KV for 1min.no breakdown	
Rip-cord		Yes	Transmission Performance	ANSI/TIA-568.2-D	
Inner jacket	Material	LSZH	Other Characteristics	Operating Temperature	-20 ~ +75°C
	O.D.	8.00±0.50mm	Installation Temperature	0 ~ +60°C	
Armored	Material & O.D.	0.90 mm galvanized steel wire Spiral	Min. Bending Radius	Fixed: 12D (Cable diameter)	
	Coverage	≥90%	Length	305M	

Electric Performance	Frequency (MHz)	Attenuation (≤dB)	Return Loss (≥dB)	NEXT (≥dB)	PSNEXT (≥dB)	ACRF (≥dB)	PSACRF (≥dB)
	1	3.0	19.0	65.0	62.0	63.3	60.3
	4	4.2	19.0	63.0	60.5	51.2	48.2
	8	5.8	19.0	58.2	55.6	45.2	42.2
	10	6.5	19.0	56.6	54.0	43.3	40.3
	16	8.2	18.0	53.2	50.6	39.2	36.2
	20	9.2	17.5	51.6	49.0	37.2	34.0
	25	10.2	17.0	50.0	47.3	35.3	32.3
	31.25	11.5	16.5	48.4	45.7	33.4	30.4
	62.5	16.4	14.0	43.4	40.6	27.3	24.3
	100	20.9	12.0	39.9	37.1	23.3	20.3
	200	30.1	9.0	34.8	31.9	17.2	14.2
	250	33.9	8.0	33.1	30.2	15.3	12.3
300	37.4	7.2	31.7	28.8	13.7	10.7	
400	43.7	6.0	28.7	25.8	11.2	8.2	
500	49.3	6.0	26.1	23.2	9.3	6.3	

Note: Category 6A channel test extreme length 90m.

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