



Features

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



Specifications

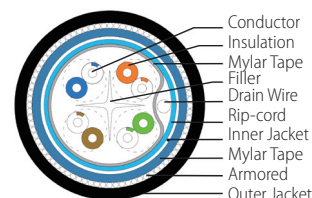
Model		C6AFU_A_LSZH			
Construction		F/UTP	Outer Jacket	Material	LSZH
Conductor	Material & O.D.	0.565mm Solid-Bare Copper		O.D.	12.00±0.60mm
Insulation	Material	PE	Electrical Characteristics (20°C)	Conductor DC resistance	≤95ohm/km
	O.D.	1.18±0.10mm		Resistance unbalance	≤5%
Filler	PE cross separator			Insulation Resistance	≥5000MQ·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
	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