

# FTP Cat.6A LSZH VIOLET (Solid)

## P/N 66A704H

Part NO: FTP-CAT6A

### Product Description

#### Application:

Horizontal Wiring in LAN CABLE

### Reference Standard

ISO/IEC 11801

TIA/EIA568B

### Multi-construction

4 Pairs (8 Cores)

### Cable Construction

Conductor Solid Bare Copper

AWG 23

Conductor Dia. 0.580±0.005mm

Insulation Foam PE

Thickness AVG: 0.40mm, MIN: 0.38mm

Insulation Dia. 1.37±0.02mm

Each Pair is twisted ,Unshielded

Polyester NO

Filler NO

AL/Pet Singularity AL/PET-thick:0.070mm,extent:16%

Drain Wire 0.4TCU

Braid NO

Rip Cord NO

Jacket LSZH

Thickness AVG: 0.55mm, MIN: 0.50mm

Outer Dia. 7.8±0.30mm

Jacket Color VIOLET

### Color

#### Insulation color are:

Blue, White/Blue

Orange, White/Orange

Green, White/Green

Brown, White/Brown

### Marking

LEXI-net SupremeNet 250 66A704H 4PAIRS 23WG FTP

Qualified CAT 6A/class EA (10G/500MHz) TIA/EIA 568-C.2

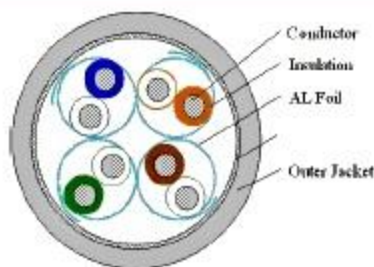
### Packaging

500m/wooden drum

### REMARK

Pass Network analysis test, all ROHS

### Design



### Performance

Frequency (MHz)	RL (dB)	Attenuation (dB/100m)		NEXT (dB)	TCL Level (dB)
	min	max			
1.0	20.00	2.10		75.30	40.00
4.0	23.00	3.80		66.30	34.00
10.0	25.00	5.90		60.30	30.00
16.0	23.60	7.50		57.20	28.00
31.2	25.00	10.50		52.90	25.10
62.5	25.00	15.00		48.40	22.00
100.0	23.60	19.10		45.30	20.00
125.0	21.50	21.50		43.80	19.00
200.0	20.10	27.60		40.80	17.00
250.0	19.40	31.10		39.30	16.00
300.0	18.00	34.30		38.10	/
500.0	17.30	45.30		34.80	/

Frequency (MHz)	ACR-F (dB)	PSNEXT (dB)	PS ACR-F (dB/100m)	Impedance (Ohm)
1.0	68.00	72.30	65.00	
4.0	56.00	63.30	53.00	
10.0	48.00	57.30	45.00	
16.0	43.90	54.20	40.90	
31.2	38.10	49.90	35.10	
62.5	32.10	45.40	29.10	100±15
100.0	28.00	42.30	25.00	
125.0	26.10	40.80	23.10	
200.0	22.00	37.80	19.00	
250.0	20.00	36.30	17.00	
300.0	18.50	35.10	15.50	
500.0	14.00	31.80	11.00	

### Characteristics

Max.Conductor DC Resistance at 20°C (Ω/Km)	<93.8
Rated Temperature(°C)	75
Rated Voltage(V)	300V
Velocity ratio	60%

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PROFESSIONAL NET ACCESSORIES

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Approved by:

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