

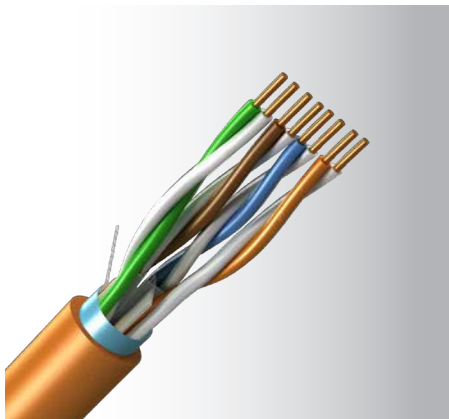
# LAN Cables

Category 6A 4 Pair

Model Code: F/UTP



A Product of KEYSTONE CABLE



Application : 

- High Speed Horizontal Cabling (500 MHz)
- 10/100/1000 Base-T
- 100 Mbps Fast Ethernet; 155/622 Mbps ATM; Gigabit Ethernet

Construction : Solid bare copper, foam PE insulated, cross-web filler, aluminium/polyester tape with drain wire, RoHS compliant PVC, LSZH, or HDPE sheathed cable

Insulation colour : 

- Blue & White
- Orange & White
- Green & White
- Brown & White

Sheath colour : Grey or Blue (RoHS compliant PVC), Orange (LSZH), Black (HDPE), or as per order

Specification : ANSI/TIA-568.2-D, ISO/IEC 11801, IEC 61156-5

Flame test : UL 1581 (CMX), UL 1685 (CM), UL 1666 (CMR), IEC 60332-1-2

LSZH test : IEC 60754, IEC 61034-2

**Related Products**



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Part No.	Conductor	Pair	Approx. Overall Diam.	Standard Length	Approx. Weight	Packaging
			(mm)	(m)	(kg/500m)	
444P***6A	Solid Bare Copper (23 AWG)	4	7.2	500	27.5	Plywood Drum

**Electrical Properties at 20°C**

Conductor Resistance	≤ 9.38Ω/100m
Resistance Unbalance	≤ 4%
Mutual Capacitance	≤ 5.6nF/100m
Capacitance Unbalance	≤ 330pF/100m
Characteristics Impedance	100 ± 15Ω

**Electrical Data at 20°C**

Frequency	ATTENUATION Max.	NEXT Min.	PSNEXT Min.	ELFEXT Min.	PSELFEXT Min.	RL Min.
(MHz)	(dB/100m)	(dB)	(dB)	(dB/100m)	(dB/100m)	(dB)
1	2.1	75.3	72.3	68.0	65.0	20.0
4	3.8	66.3	63.3	56.0	53.0	23.0
10	5.9	60.3	57.3	48.0	45.0	25.0
16	7.5	57.2	54.2	43.9	40.9	25.0
20	8.4	55.8	52.8	42.0	39.0	25.0
31.25	10.5	52.9	49.9	38.1	35.1	23.6
62.5	15.0	48.4	45.4	32.1	29.1	21.5
100	19.1	45.3	42.3	28.0	25.0	20.1
200	27.6	40.8	37.8	22.0	19.0	18.0
300	34.3	38.1	35.1	18.5	15.5	17.3
400	40.1	36.3	33.3	16.0	13.0	17.3
500	45.3	34.8	31.8	14.0	11.0	17.3