

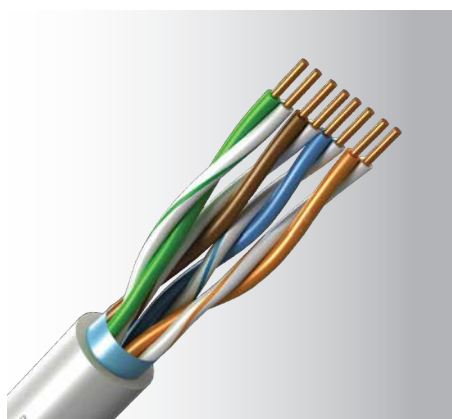
LAN Cables

Category 5e 4 Pair

Model Code: F/UTP

KEYLAN

A Product of  KEYSTONE CABLE



Application :	- High Speed Horizontal Cabling (100 MHz) 10/100 Base-T 100 Mbps Fast Ethernet; 155 Mbps ATM - EMI Proof
Construction :	Solid bare copper, HDPE insulated, aluminium/ polyester tape with drain wire, RoHS compliant PVC, LSZH, or HDPE sheathed cable
Insulation colour :	- Blue & White/blue stripe - Orange & White/orange stripe - Green & White/green stripe - Brown & White/brown stripe
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

Part No.	Conductor	Pair	Approx. Overall Diam.	Standard Length	Approx. Weight	Packaging
			(mm)	(m)	(kg/305m)	
434P***5E	Solid Bare Copper (24 AWG)	4	6.4	305	13	Reel in Box

Electrical Properties at 20°C

Conductor Resistance	≤ 9.38Ω/100m
Resistance Unbalance	≤ 5%
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.	DELAY Max.	SKEW Max.
(MHz)	(dB/100m)	(dB)	(dB)	(dB/100m)	(dB/100m)	(dB)	(ns/100m)	(ns/100m)
0.772	1.8	67.0	64.0	66.0	63.0	-	-	-
1	2.0	65.3	62.3	63.8	60.8	20.0	570	45
4	4.1	56.3	53.3	51.7	48.7	23.0	-	-
8	5.8	51.8	48.8	45.7	42.7	24.5	-	-
10	6.5	50.3	47.3	43.8	40.8	25.0	545	45
16	8.2	47.3	44.3	39.7	36.7	25.0	-	-
20	9.3	45.8	42.8	37.7	34.7	25.0	-	-
25	10.4	44.3	41.3	35.8	32.8	24.3	-	-
31.25	11.7	42.9	39.9	33.9	30.9	23.6	-	-
62.5	17.0	38.4	35.4	27.8	24.8	21.5	-	-
100	22.0	35.3	32.3	23.8	20.8	20.3	538	45