

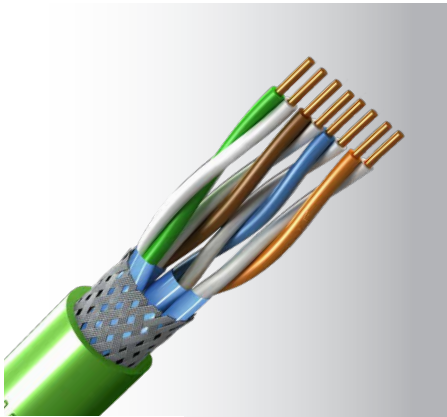
LAN Cables

Category 7 4 Pair

Model Code: S/FTP



A Product of KEYSTONE CABLE



Application :	<ul style="list-style-type: none"> High Speed Horizontal Cabling (600 MHz) 10/100/1000 Base-T, 10G Base-T Ethernet, Fast Ethernet, Gigabit Ethernet, ATM 155, ATM 622, ATM 1200 10 Gigabit Ethernet
Construction :	Solid bare copper, foam PE insulated, pair screen (PiMF) (aluminium/polyester tape), braided overall screen (tinned copper wire), RoHS compliant PVC, LSZH, or HDPE sheathed cable
Insulation colour :	<ul style="list-style-type: none"> Blue & White Orange & White Green & White Brown & White
Sheath colour :	Grey or Blue (RoHS compliant PVC), Green (LSZH), Black (HDPE), or as per order
Specification :	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/500m)	
444P***07	Solid Bare Copper (23 AWG)	4	7.5	500	33	Plywood Drum

Electrical Properties at 20°C

Conductor Resistance	≤ 9.5Ω/100m
Resistance Unbalance	≤ 4% (between pairs)
Mutual Capacitance	≤ 5.6nF/100m
Capacitance Unbalance	≤ 160pF/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	2.0	78.0	75.0	78.0	75.0	20.0
4	3.7	78.0	75.0	78.0	75.0	23.0
10	5.9	78.0	75.0	74.0	71.0	25.0
16	7.4	78.0	75.0	69.9	66.9	25.0
20	8.3	78.0	75.0	68.0	65.0	25.0
31.25	10.4	78.0	75.0	64.1	61.1	23.6
62.5	14.9	75.5	72.5	58.1	55.1	21.5
100	19.0	72.4	69.4	54.0	51.0	20.1
155	24.0	69.5	66.5	50.2	47.2	18.8
200	27.5	67.9	64.9	48.0	45.0	18.0
250	31.0	66.4	63.4	46.0	43.0	17.3
500	45.3	61.9	58.9	40.0	37.0	17.3
600	50.1	60.7	57.7	38.4	35.4	17.3