

Technical specification/ Data sheet

LAN cable: Q/CAT5E UTP

Q/CAT5E FTP		TECHNICAL DATA SHEET				
Part NO: Q/CAT5E UTP		Performance				
		Frequency (MHz)	RL (dB)	Attenuation (dB/100m)	NEXT (dB)	ELFEXT (dB)
			min.	max		
		1	20.0	2.00	65.30	63.80
		4	23.0	4.10	56.30	51.70
		8	25.0	5.80	51.80	45.70
		10	25.0	6.50	50.30	43.80
		16	25.0	8.20	47.30	39.70
		25	24.0	10.40	44.30	35.80
		31.25	24.0	11.60	42.90	33.90
Product Description		62.5	22.0	17.00	38.40	27.80
		Application:				
		Horizontal Wiring in LAN CABLE				
		Reference Standard				
		TIA/EIA568B.2				
Multi-construction		100	20.0	22.00	35.30	23.80
		4 Pairs (8 Cores)				
Cable Construction		Margin	2-6dB	0.12dB	3-8dB	4-12dB
Conductor		Solid Bare Copper		Frequency PSNEXT PSELFEXT Impedance		
AWG		24		(MHz) (dB) (dB/100m) (Ohm)		
Conductor Dia.		0.48±0.01mm				
Insulation		Solid PE				
Thickness		AVG: 0.20mm, MIN: 0.18mm				
Insulation Dia.		0.86±0.05mm				
Each Pair is twisted ,Unshielded						
Polyester		NO				
Filler		NO				
AL/Pet		NO				
Drain Wire		NO				
Rip Cord		Yes				
Jacket		PVC				
Thickness		AVG: 0.52mm, MIN: 0.46mm				
Outer Dia.		5.0±0.20mm				
Jacket Color		White				
Flamability		CPR Eca				
Color						
Insulation color are:						
Blue, White/Blue						
Orange, White/Orange						
Green, White/Green						
Brown, White/Brown						
Marking						
As requirements						
Packaging						
As requirements						
Certification						
CE						