



UTPCAT5E 24AWG SOLID
BC UL LISTED

UTPCAT5E



PERFORMANCE

Frequency (MHz)	RL (dB)	Attenuation (dB/100m)		NEXT (dB)	ACR (dB)
	min.	max			
1	17.0	2.03		62.30	60.30
4	18.8	4.04		53.26	49.20
8	19.7	5.76		48.75	43.00
10	20.0	6.46		47.30	40.80
16	20.0	8.24		44.30	36.10
20	20.0	9.26		42.78	33.50
25	19.3	10.41		41.33	30.90
31.25	18.6	11.72		39.87	28.20
62.5	16.5	16.99		35.36	18.40
100	15.1	21.97		32.29	10.30

Frequency (MHz)	ELFEXT (dB)	PSNEXT (dB)	PSELFEXT (dB/100m)	Impedance (Ohm)
1	60.75	62.30	60.75	
4	48.71	53.26	48.71	
8	42.69	48.75	42.69	
10	40.75	47.30	40.75	
16	36.67	44.30	36.67	100±15
20	34.73	42.78	34.73	
25	32.79	41.33	32.79	
31.25	30.86	39.87	30.86	
62.5	24.83	35.36	24.83	
100	20.75	32.29	20.75	

Characteristics

Max. Conductor DC Resistance at 20°C (Ω/Km)	<93.8
Rated Temperature (°C)	75
Rated Voltage (V)	300V
Velocity ratio	65%

SPECIFICATIONS

MODEL	UTPCAT5E
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	24
Conductor Diameter	0.490 ± 0.005mm
Insulation	Solid PE
Thickness	AVG: 0.19mm, MIN: 0.18mm
Insulation Diameter	0.88±0.03mm
Rip Cord	Yes
Jacket	PVC, UL CM
Thickness	AVG: 0.50mm, Min: 0.46mm
Outer Diameter	5.0±0.30mm
Jacket Color	Gray
COLOR	
Insulation Color	Blue, White/Blue Orange, White/Orange Green, White/Green Brown, White/Brown

* Design & specifications subject to change without prior notice.

DIAGRAM

