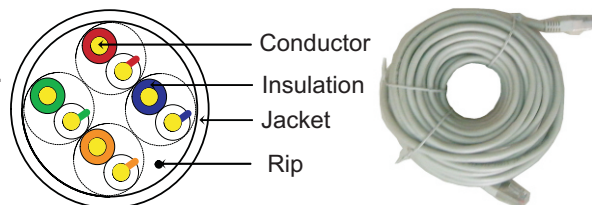


CG45105-IV/CG45107-IV/CG45115-IV

CAT5e UTP Jumper Cable Solid 24AWG Ivory 5ft/7ft/15ft

These LAN accessories are manufactured to the highest performance standards. They meet or exceed all required engineering specifications.



Description

Rated Temperature	75 °C
Product Standard Certification	UL File E326140
Flammability Test	CMR

Application

Horizontal Wiring in LAN

Reference Standard

YD/T1019-2001, UL Subject 444, EIA/TIA568 & ISO/IEC 11801

Colour

Insulation Colour Are:

- Blue, White/Blue
- Orange, White/Orange
- Green, White/Green
- Brown, White/Brown

Jacket Colour:

Per Customer Request

Construction

Conductor	Solid Bare Copper
AWG	24
Conductor Dia. (± 0.005 mm)	0.500
Insulation	PE
Average Thickness (mm)	0.21
Min. Point Thickness (mm)	0.20
Insulation Dia. (± 0.02 mm)	0.92
Twisting Lay Length (mm)	30underneath
Cabling Lay Length (± 20 mm)	100.0
Jacket	PVC
Average Thickness (mm)	0.52
Min. Point Thickness (mm)	0.50
Outer Dia. (± 0.2 mm)	5.0
Rip Cord	Per Request

Electrical Characteristics	Frequency (MHz)									
	1.00	4.00	8.00	10.00	16.00	20.00	25.00	31.25	62.50	100.00
Return Loss (dB)	20.00	23.01	24.52	25.00	25.00	25.00	24.32	23.64	21.54	20.11
Attenuation (dB/100m)	2.04	4.05	5.77	6.47	8.25	9.27	10.42	11.72	16.99	21.98
Next (dB)	65.30	56.27	51.75	50.30	47.24	45.78	44.33	42.88	38.36	35.30
ACR (dB)	-	-	-	-	-	-	-	-	-	-
PS Next (dB)	62.30	53.27	48.75	47.30	42.24	42.78	41.33	39.88	35.36	32.30
ELFEXT (dB/100m)	64.00	51.96	45.96	44.00	39.92	37.98	36.04	34.10	28.08	24.00
PSELFEXT (dB/100m)	61.00	48.96	42.94	41.00	36.92	34.98	33.04	31.10	25.08	21.00
Delay (ns/100m)	570.00	552.0	546.73	545.38	543.00	542.05	541.20	540.44	538.55	537.60
Mpedance (1.0 ~ 100.0MHz)	100 ± 15 ohms				Max. Conductor DC Resistance 20 °C				87.66 ohms/km	
Delay Skew (1.0 ~ 100.0MHz)	<=45 ns/100m				Resistance Unbalance				<=5%	
Pair -to- Ground Capacitance Unbalance	<=330 pF/100m									
Mechanical Characteristics		(Test Object: Jacket				Test Material: PVC)				
Before Tensile Strength	>=13.8Mpa				After Tensile Strength	>=85% of Unaged				
Aging Elongation	>=100%				Aging Elongation	>=50% of Unaged				
Aging Condition	100°C x 240 hrs				Cold Bend (-20 ± 2 °Cx4hrs)	No Crack				

Specifications subjects to change without notice.