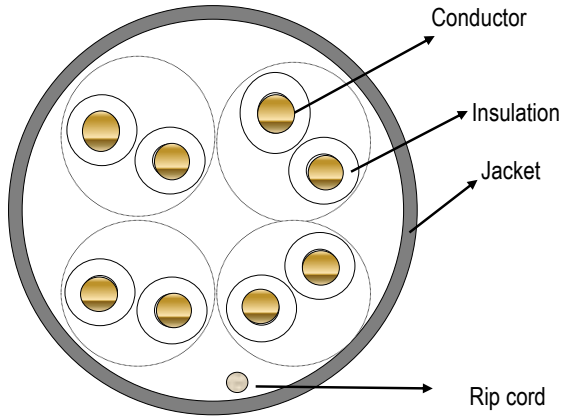


4PAIR 24AWG CAT 3 PVC UTP CABLE

Cross Section



Description

Application
Supports LAN applications utilizing bandwidths up to 16Mhz., Ethernet, for linking multiple workstations.

Reference Standard
Exceeds EIA/TIA 568 B.2-1

Construction

Conductor	Solid Bare Copper
AWG	24
Conductor Dia.(±0.005mm)	0.45
Insulation	PE
Average Thickness(mm)	0.225
Min.Point Thickness(mm)	0.203
Insulation Dia.(±0.02mm)	0.90
Twisted Pair Dia. (±0.01)	1.80
Polyester tape (W=50mm/&=0.025mm)	
Assembly Dia. (mm)	3.80
Jacket	PVC
Average Thickness(in.)	0.50
Min.Point Thickness(mm)	0.45
Outer Dia.(±0.2mm)	5.00
Rip Cord	Per request

Insulation Colors

Insulation colors:	Pair 1 : Blue / White
	Pair 2 : Orange / White
	Pair 3 : Green / White
	Pair 4 : Brown / White

Jacket Color

Jacket colors:	Standard	Gray
	Special	Per customer request

Part No.: 3CM244BG



Performance

Electrical Characteristics:

Frequency (MHz)	Return loss (Min. dB)	Attenuation Max (dB/100m)	Delay (ns/100m)
0.772	12	2.2	576
1	12	2.6	570
4	12	5.6	552
8	12	8.5	545
10	12	9.7	545
16	10	13.1	543

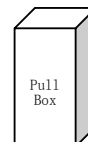
Frequency (MHz)	NEXT (Min.dB)	SKEW ns
0.772	43.0	45
1	41.0	
4	32.0	
8	28.0	
10	26.0	
16	23.0	

Impedance(ohms)	100±15
Max. Conductor DC Resistance (ohms/M')	98 (Max)
Resistance Unbalance(%)	≤2.0%

Mechanical Characteristics:

Test Object	Jacket
Test Material	PVC
Before Tensile Strength(Mpa)	>=13.8
Aging Elongation (%)	>=100
Aging Condition(°Cxhrs)	100x240
After Tensile Strength (Mpa)	>=85% of unaged
After Elongation (%)	>=50% of unaged
Cold Bend(-20±2°Cx4hrs)	No crack

Standard Packaging



1000' ft. Pull Box
Weight: 20 lbs

*All values in this specification are nominal and are subjective to tolerances of +/- 10 to 15%.

It is the sole responsibility of the user to have the most current specification. Specifications are subject to change without notice.