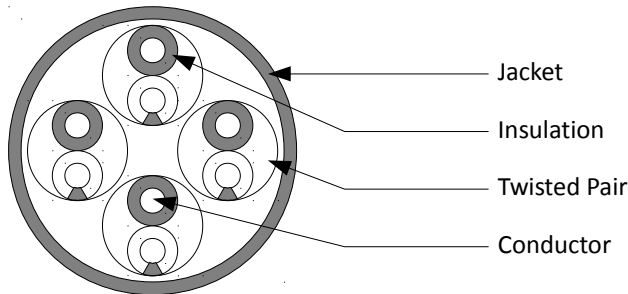


Construction Detail



Description

Enhanced 350MHz high-performance cable for bandwidth intensive applications

Applications	Voice, data, video distribution, security
Ethernet	10BASE-T, 100BASE-TX, 1000BASE-T
Rated Temperature (°C)	75
Product Standard Certification	UL CM & CSA CM
Flame Test	FT4
Reference Standard	UL 444

Performance Characteristics

Electrical (20°C)

Max. Conductor DC Resistance (Ω /km)	89
Min. Insulation Resistance (Ω -km)	100M
Dielectric Strength (AC V/1 Min)	500
Impedance ($\pm 15\Omega$)	100

Mechanical

Jacket	PVC
Before Tensile Strength (kgf/mm^2)	≥ 1.05

Twisted Pair Insulation Colours

P1	Blue	&	White/Blue
P2	Orange	&	White/Orange
P3	Green	&	White/Green
P4	Brown	&	White/Brown

Physical Construction

Conductor	4 pairs stranded copper
Size (AWG)	24
Strand Dia. (#)/($\pm 0.008\text{mm}$)	7/0.20
Total Dia. (mm)	0.60
Insulation	HD PE
Average Thickness (mm)	0.18
Insulation dia. ($\pm 0.05\text{mm}$)	0.97
Jacket	PVC
Average Thickness (mm)	0.59
Outer Dia. ($\pm 0.2\text{mm}$)	5.5

Jacket Marking

Legend: **[WXYZ]FT** => Length in Spool (e.g., 0100ft)
[SPACE] => Three spaces

E132276-A (UL) CM 75°C 4PR 24AWG **[SPACE]**
 CSA LL64151-A CMG 75°C FT4 **[SPACE]**
 VERIFIED (UL) CAT.5E **[SPACE]**
 ETL&3P VERIFIED TO ANSI/TIA-568-C.2 ISO/IEC 11801&EN
 50173 CAT.5E PATCH CABLE - - - UTP RoHS **[WXYZ]FT**
 TESTED TO 350MHz