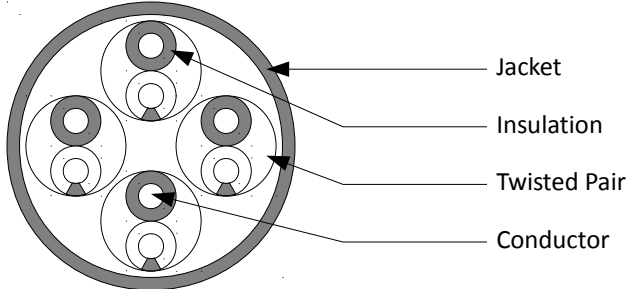


Construction Detail



Description

Enhanced 350MHz high-performance cable for bandwidth intensive applications.

Coated with fire-retardant coating for use in plenum spaces.

Applications	Voice, data, video distribution, security
Ethernet	10BASE-T, 100BASE-TX, 1000BASE-T
Rated Temperature (°C)	75
Product Standard Certification	(UL) & C (UL) CMP
Flame Test	FT6
Reference Standard	UL 444

Performance Characteristics

Electrical (20°C)

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

Mechanical

Jacket	CMP 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 twisted pairs solid copper
Size (AWG)	24
Construction (±0.01mm)	1/0.51
Solid Dia. (±0.01mm)	0.51
Insulation	FEP
Average Thickness (mm)	0.17
Insulation dia. (±0.05mm)	0.85
Jacket	CMP PVC
Average Thickness (±0.05mm)	0.40
Outer Dia. (±0.2mm)	4.5

Jacket Marking

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

E132276-C (UL) C(UL) CMP 75°C FT6 4PR 24AWG [SPACE] ETL&3P VERIFIED TO TIA/EIA-568-B.2 ISO/IEC 11801&EN 50173 CAT.5E - - - UTP RoHS [WXYZ]FT TESTED TO 350MHz