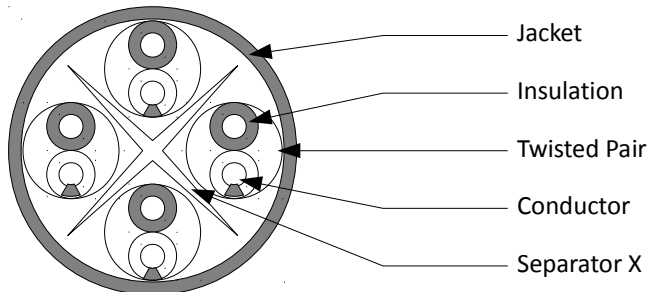


### Construction Detail



### Description

High-performance 550MHz cable for high bandwidth 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

#### Mechanical

Jacket	PVC
Before Tensile Strength (kgf/mm <sup>2</sup> )	≥1.05

### Twisted Pair Insulation Colours

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

### Physical Construction

<b>Conductor</b>	4 pairs stranded copper
Size (AWG)	24
Strand Dia. (#)/(±0.008mm)	7/0.20
Total Dia. (mm)	0.61
<b>Insulation</b>	HD PE
Average Thickness (mm)	0.18
Insulation dia. (±0.05mm)	0.97
<b>Jacket</b>	PVC
Average Thickness (mm)	0.59
Outer Dia. (±0.2mm)	6.0

### 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.6 PATCH CABLE - - - UTP RoHS **[WXYZ]FT** TESTED  
 TO 550MHZ