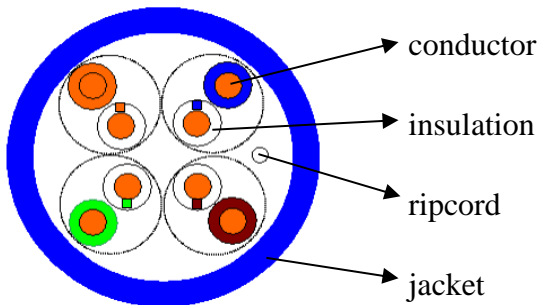


CAT5e UTP Solid Specifications

Cross Section



Description

Product standard certification:

Flammability test:

Reference standard: EIA/TIA 568 & ISO/IEC 11801

Rated temperature: 75 deg.

Construction

Conductor:	solid bare copper 0.48mm
Insulation:	PE, 0.85mm
Ripcord:	Nylon (150D)
Outer jacket:	PVC
Overall dia.	5.0 +/- 0.2mm

Mechanical characteristics

Test object:	jacket
Test material:	PVC
before tensile Strength (Mpa):	≥ 13.8
aging elongation (%):	≥ 100
Aging condition ($^{\circ}\text{C} \times \text{Hrs}$):	100x48
after tensile strength (Mpa):	$\geq 80\%$ of unaged
aging elongation (%):	$\geq 50\%$ of unaged
Cold bend ($-20 \pm 2 \times 4\text{hrs}$):	No crack.