

2 X CAT5e UTP Solid Specifications



Description

Product standard certification: UL & C(UL)

Flammability test: CMX, CM, CMG, FT4

Reference standard: UL subject 444, EIA/TIA 568 & ISO/IEC 11801

Rated temperature: 75 deg.

UL / CSA approved

Construction

Conductor:	solid bare copper 0.50mm
Insulation:	PE, 0.91mm
Ripcord:	Nylon (150D)
Outer jacket:	PVC
Overall dia.	Siamese 5.2+5.2 MM
Color:	Blue (one side with white line to indicate the polarity)

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 ($-20/+2 \times 4\text{hrs}$):	No crack.