

ERAT CAT 6 U/UTP 24 AWG Data Patch Cord



Standards

- Flame test: comply with IEC 60332-1-2
- ISO/IEC11801:2011 (Ed. 2.2) ANSI/TIA/EIA-568.2-D

Physical Properties

Basic Conductor	Flexible, 24AWG, 7x0.20 mm, annealed bare stranded copper.
Wire Insulation	Polyolefin
Number of insulated conductors	8, twisted in 4 pairs.
Color Code of Pairs	Orange x White/Orange, Green x White/Green, Blue x White/Blue, Brown x White/Brown
Individual pair shield	-
Overall shield	-
Outer Jacket	LS0H- LSZH (Halogen free) flame retardant.
RJ45 Plug	Plug Contact Material 1.27 μ m (50 μ -inch) gold over 2.54 μ m (100 μ -inch) Nickel covering
Cable OD	6.0 \pm 0.2 mm

Electrical and Mechanical Properties

Conductor Resistance	$\leq 5\Omega$
Insulation Resistance	$\geq 10M\Omega$
Characteristic Impedance	100 \pm 6 Ohm @ 1-250MHz
Contact Resistance	20 mOhm max.
Resistance unbalance	2% max
Dielectric strength	1000 volts/1 minute min rms
Coupling attenuation	40dB dak @ 30-100 MHz 40-20log (f / 100) @ 100-250 MHz
Cable to Plug Tensile Strength	9 Kgf (90N) min
Durability	1200
Temperature operating range	-25°C to +70°C

Note: Special production can be made between 0.25 m - 15 m. Dec.