



PRODUCT DESCRIPTION

Hyperline category 5E plugs are available in shielded and unshielded for universal wiring RJ-45. Equipped for termination with stranded or solid conductor cables which guarantees high-quality termination in the field.

MECHANICAL CHARACTERISTICS

- Retention: 50N (11 lbf) for 60s @ 5s
- Insertion/Extraction Life: 750 cycles Minimum
- Tensile Strength $\geq 20N$ per Wire

ELECTRICAL PROPERTIES

- Electrical Insulation Resistance : 500 M Ω
- Min. @ 100V d.c
- Dielectric Withstanding Voltage: 1000V d.c or a.c Peak Contract to contract @ 60Hz for 1 minute
- Contact Resistance: 20 m Ω Max
- Current Rating: as figure

PHYSICAL CHARACTERISTICS

- Housing PC, UL 94-2
- Contacts: copper alloy with 1.27 micron (50 micro-inches) gold plating
- Shield: copper alloy, covering – nickel

ENVIRONMENTAL CONDITIONS

Temperature Range	
Storage	-40 -to +70 C
Operation	-10 -to +60 C
Relative Humidity (Operational)	Maximum Non conceded- ing %93