

## AT&T CopperLine Category 6

### Unshielded RJ45 Plugs

#### Description

8P8C unshielded RJ45 plugs	
Frequency range	1-250 MHz
Compatible conductors	24-26 AWG Solid or stranded
Contacts	50μ-Inch Gold plating over nickel plated copper alloy
Shield	None
Housing	FR Polycarbonate

#### Standard & EU Directives Conformance

- 250MHz unshielded connectors according to IEC 60603-7-4
- 250MHz unshielded connectors according to EN 60603-7-4
- Category 6 connecting hardware acc. to ANSI/TIA-568.2-D
- UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

#### Mechanical & Electrical Properties

Ampacity	1.5 A max.
Cable form compatibility	Flat or round
Insertion/withdrawal	750 cycles Level A durability
Cable re-termination	0 terminations
Operating temperature	-20 to +60C at 5-95% RH (non condensing)
Contact resistance	20 mOhm max.
DC resistance	0.1 Ohm max.
Voltage rating	72 Vdc max.
Insulation resistance	500 MegaOhm min. @500 Vdc



#### Ordering Information

Description	Color	Conductor	Packaging	P/N
8P8C RJ45 Unshielded CAT6 Plug	Transparent	Solid	100/Box	15U06NV008A-TP5C
8P8C RJ45 Unshielded CAT6 Plug	Transparent	Stranded	100/Box	15U06NV008B-TP5C
8P8C RJ45 Unshielded CAT6 Plug	Transparent	Solid & Stranded	100/Box	15U06NV008C-TP5C