

RJ45 Cat-5e 8-Wire Plug



Newlink offers plugs in standard configurations to terminate modular cord cables for patching or workstation applications. Modular cords can be terminated to the exact length needed for more organized installations. The plugs terminate 24 and 26 AWG stranded wire.

Pin Assignment:

PAIRS	JACK	110 CLIP COLOR CODE
# 1	5	WHITE/BLUE
	4	BLUE/WHITE
# 2	1	WHITE/ORANGE
	2	ORANGE/WHITE
# 3	3	WHITE/GREEN
	6	GREEN/WHITE
# 4	7	WHITE/BROWN
	8	BROWN/WHITE

Block Housing:	ABS Molding Compound PA-767 94V-O ULE. 46920
Combed Jack Housing:	94V-O Plastic
Contacts:	Phosphor Bronze, 50m inches Gold Over Nickel Plate
Wiring	4 Pairs / 8 Wires AT&T 568B
Categories:	Cat5E

Common Wiring Configurations:

The TIA and AT&T wiring schemes are the two that have been adapted by EIA/TIA-568A. They are nearly identical except that pairs two and three are reversed. TIA (T568A) is the preferred scheme because it is compatible with 1 or 2-pairs USOC Systems. Either configuration can be used for integrated Services Digital Network (ISDN) application.

Specifications:

Material and Finish:

- Housing: Polycarbonate (PC)
- Contacts: 50um Gold over Nickel Plate (Copper Alloy Selective)

Mechanical:

- Cable-to-Plug: 20lbs min.
- Durability: 750 Cycles Minimum

Electrical:

- Rated Voltage: 30VAC at 1.5 Amps
- Contact Resistance: 10 milliohms maximum
- Dielectric Strength: 1000VAC (RMS)
- Insulation Resistance: 500 Megaohms minimum
- Operating Temperature: -20°C to 80°C