

RJ45 Patch Cords



RoHS
Compliant

Specifications:

Construction

	Nom. Dia
Conductor : 24AWG 7/32 Stranded tinned copper	0.024"
Insulation : High Density Polyethylene, 0.007" Nom. Wall Thickness	0.038"
Pairs : Colour Coded Singles Twisted into Pairs	0.076"
Cable : (4) Twisted pairs twisted together to form a cable core	
Jacket : Polyvinylchloride, 0.021" Nom. Wall thickness overall cable diameter	0.215"
Jacket Colour : Grey	

Physical Properties:

Temperature Rating Max.	: 60°C & 75°C
Temperature Rating Min.	: -20°C
WT./M, Nom., Net.	: 22.2lbs
Bend Radius Static	: 1"

Electrical Characteristics:

Capacitance, Mutual	: 13.5 PF/FT. at 1MHz
Dielectric withstanding Min.	: 1,500Vrms
Voltage Rating Max.	: 300V
DC Resistance Max.	: 26Ω/1,000
Impedance	: 100 +/- 15Ω 1-350MHz
Impedance Smoothed	: 100 +/- 10Ω Typical 5-100MHz
SRL	: 23dB 1-20MHz : 23-10 LOG(F/20) 20-100MHz
Return Loss	: 1-10MHz 20+5 LOG (F) dB Min. : 10-20MHz 20 dB Min. : 20-100MHz 25-8.6 LOG(F/20) dB Min.
PS Next	: 1-100MHz 64-15 LOG (F/0.772) Min.
Next	: 1-100MHz 67-15 LOG (F/0.772) Min.
PS ELFEXT	: 1-100MHz 63-20 LOG (F/0.772) Min.
ELFEXT	: 1-100MHz 66-20 LOG (F/0.772) Min.
Attenuation	: 1-100MHz 1.2[1.967 SQRT(F)+0.023(F)+0.05/SQRT(F)]Max.
Delay	: 1-100MHz 534+36/SQRT(F)
Delay Skew	: 1-100MHz <25NS
LCL	: 1-100MHz -35dB Min.

Application:

Jumper and patch cable for category 5 and 5e applications supports ATM applications to 155MHz or other extended frequency applications.

Packaging:

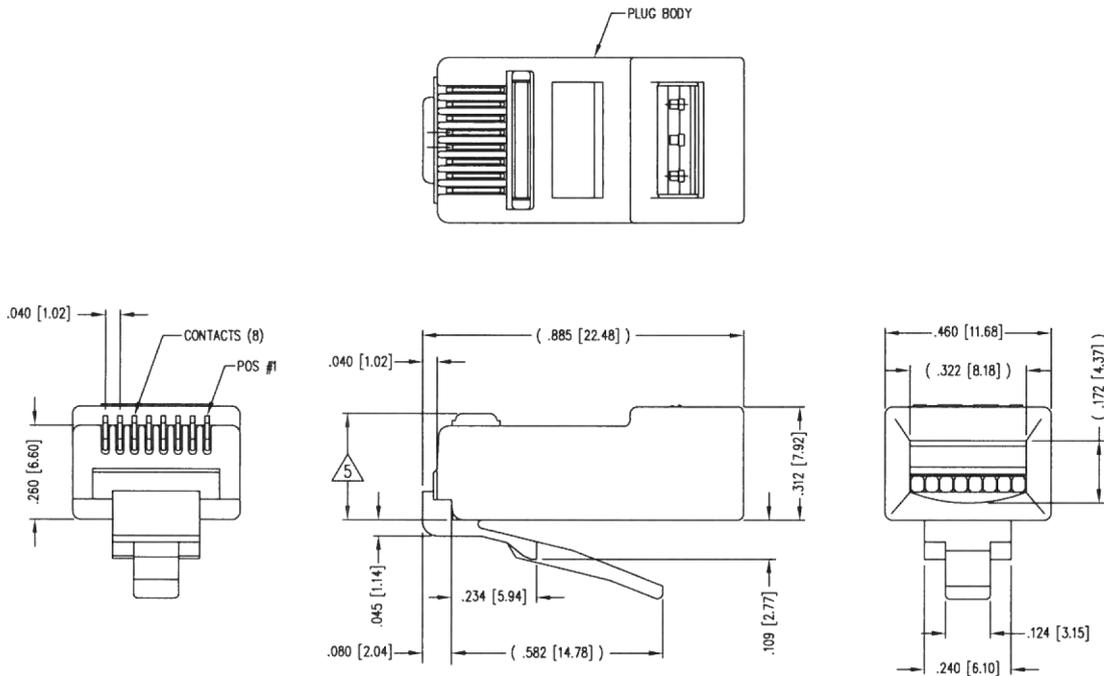
100pcs / bag

Wire insert diameter : 5.8mm (0.23")

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Dimensions : Inches (Millimetres)

⚠ Terminated Plug Height: 0.237 [6.02] ±0.005 [0.13] on cable

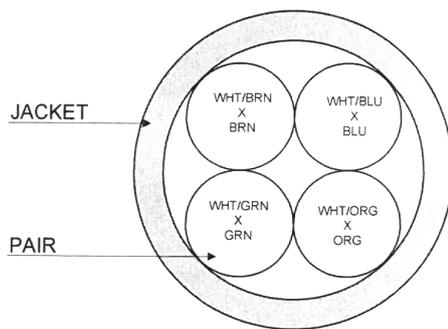
1. Materials:

Plug Body: Polycarbonate

Contacts: Phosphor Bronze, Selective Gold Plating

2. Contacts Terminate Solid or Stranded Conductors up to 0.04 [1.02] outside diameter of insulation

3. Dimensions and Tolerances comply with TIA-1096 standard



Part Number Table

Description	Length	Part Number
Patch Cord, Cat5e, Crossover, Grey	2ft	SPC22209
	5ft	SPC22216

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