
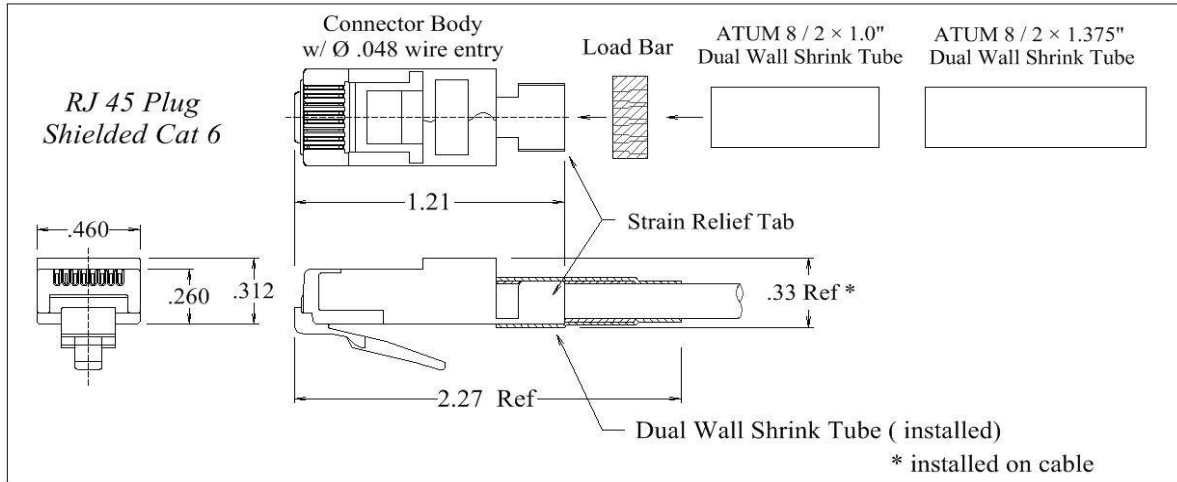


<b>PIC Wire &amp; Cable</b>	<b>Connector Specification</b>	<b>P/N 110789</b>
<i>A Division of the Angelus Corporation</i> Ph (262)246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : 	Date : 02/24/14
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		Uncontrolled Document

### RJ45 Plug Connector - Shielded Cat 5e/Cat 6

(For conductors with an OD range of 0.044 to 0.048")  
(fits Amphenol RJ Type ruggedized housing)



#### PERFORMANCE

Exceeds ANSI/TIA/EIA Cat 5  
Performance Tuned to CAT 6 cables

Current/Voltage      1.5 Amps @ 30 VAC/42 VDC

Contact Resistance    10 milliohms Max

#### ENVIRONMENTAL

Temperature Rating    - 40° C to + 85° C

Insertion/Extraction    1000 Cycles

Flame Auto Extinguish    UL 94-VO

#### CONNECTOR WEIGHT (Each)

0.16 ounces (4.54 grams)

#### RoHS COMPLIANT

Complies to RoHS Standards

#### REQUIRED TOOLING (2)

Crimp Tool P/N 110288

#### CONSTRUCTION

##### **Materials:**

Plug Housing	Polycarbonate
Contacts	Phosphor Bronze, 0.012" thick
Load Bar	Polycarbonate
Shielding	Brass, Alloy 70/30, 1/4 HD
Strain Relief (1)	ATUM Dual Wall Shrink Tube (2 ea) (MIL-DTL-23053/4, Class 3)

##### **Finish:**

Shield	Tin
Contacts	Gold

**Applicable Standards :**    ANSI/TIA-1096-A  
ANSI/TIA/EIA 568-C.2

##### **Notes :**

- (1) A 1.0" and 1.375" piece of Tyco ATUM heat shrink P/N ATUM-8/2-0 provided with each connector for purpose of strain relief & moisture protection.
- (2) Please refer applicable to T-110789(-x) Termination Instruction Sheet for strip dimensions & instructions.