
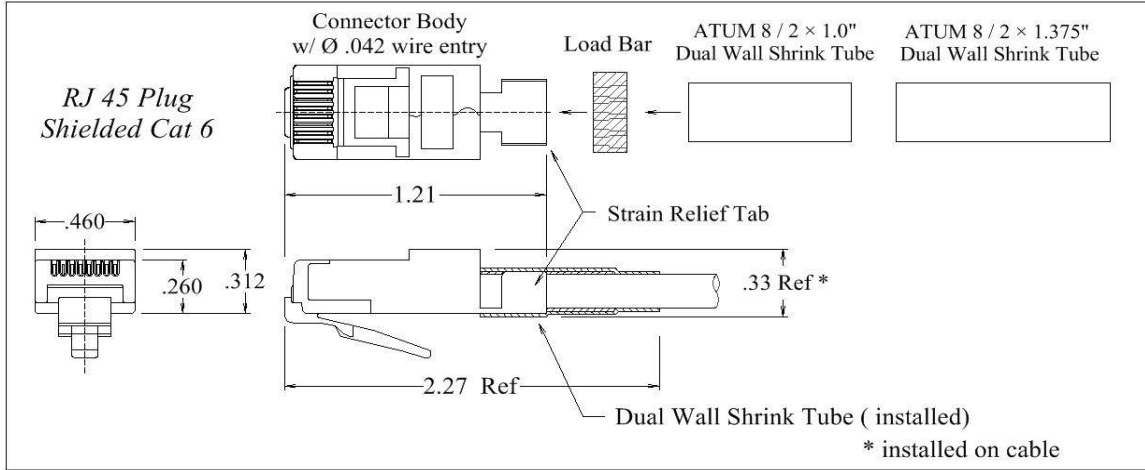


PIC Wire & Cable	Connector Specification	P/N 110790
<i>A Division of the Angelus Corporation</i> Ph (262)246-0500 Fax (262) 246-0450 www.picwire.com PO Box 330 Sussex, WI 53089	Approved : 	Date : 06/04/14
	Distribution : USER	Rev. 1 (09/08/14)
		Uncontrolled if Printed

RJ45 Plug Connector - Shielded Cat 5e/Cat 6

(For conductors with an OD range of 0.037 to 0.042")

(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 110729

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 to applicable T-110790-(x) Termination Instruction Sheet for strip dimensions & instructions.