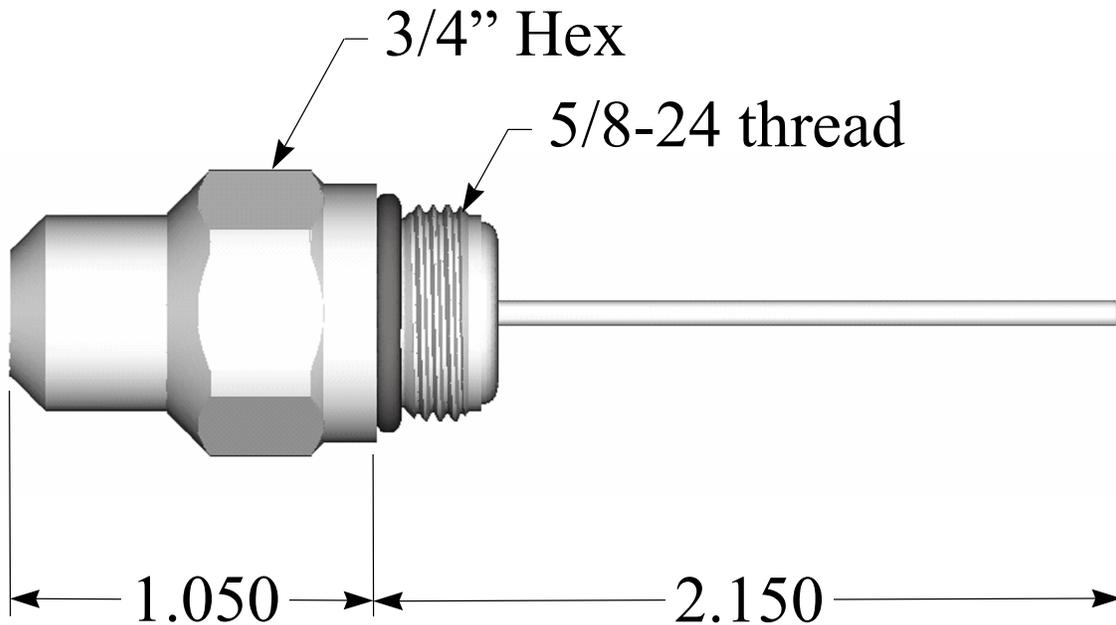


PRODUCT DATA SHEET

Part Number(s): **UMTR** Housing Terminator



Operation Specification:

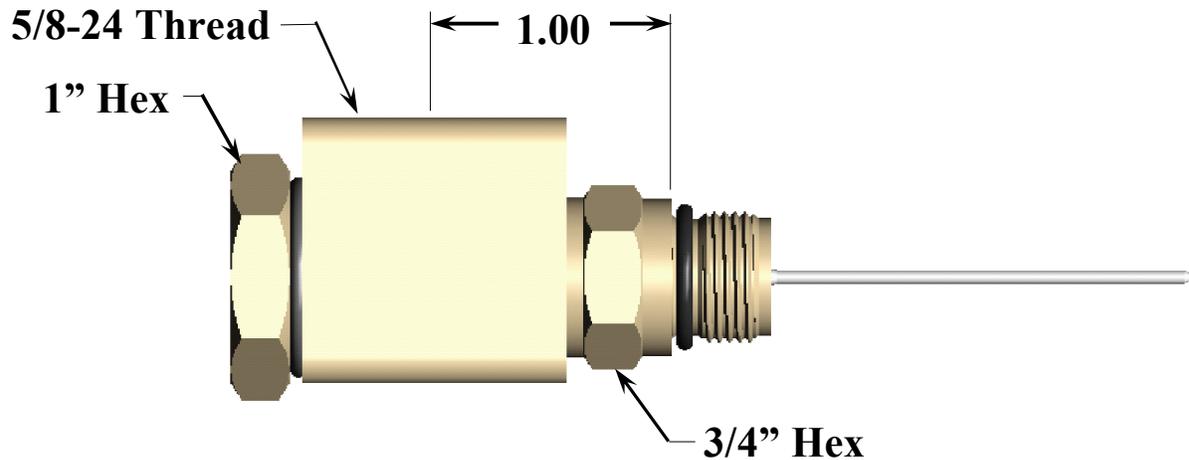
Bandwidth	5 MHz to 1 GHz
Impedance	75 Ohms (nominal)
Return Loss	Minimum -30 dB from 5 MHz to 1 GHz
Operating Voltage Rating	90 Volts (@ 60 Hz continuous AC)
Maximum Withstanding Voltage	600 Volts (@ 60 Hz continuous AC)
Operating Temperature Range	-40° to +140° F

Tooling Requirements:

- 3/4" wrench
- Cutters for trimming pin

PRODUCT DATA SHEET

Part Number(s): **CP 90** Right angle adapter



Operation Specification:

Bandwidth	0 MHz to 1 GHz
Impedance	75 Ohms
Return Loss	Better than -30 dB to 1 GHz
Insertion Loss	Less than 0.10 dB to 1 GHz
Operating Voltage Rating	90 Volts (@ 60 Hz continuous AC)
Operating Current Rating	20 Amps (@ 60 Hz continuous AC)
Operating Temperature Range	-40° to +140° F

Tooling Requirements:

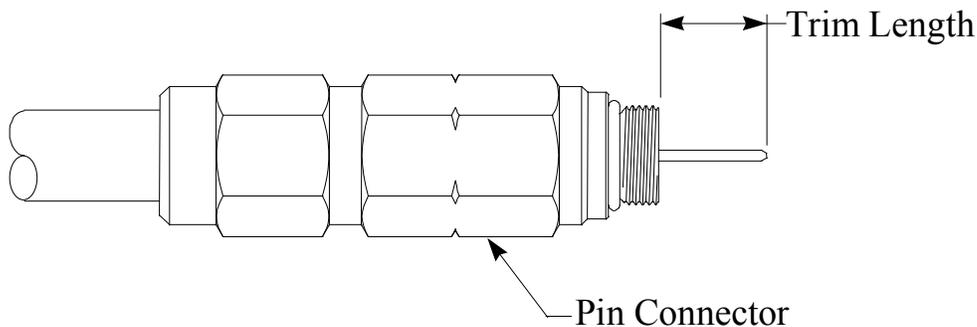
- One (1) 3/4" wrenches
- Two (2) 1" wrenches
- Regular screw driver or 3/16" hex nut driver
- Suitable wrenches for installing pin connector
- Cutters for pin of connector



INSTALLATION INSTRUCTIONS

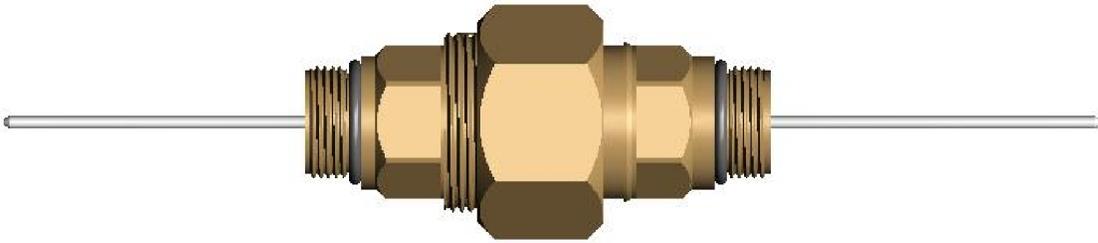
CP 90

1. Loosen the equipment seizure screw.
2. Measure and trim the pin of the right angle adapter according to equipment manufacturer's specification.
3. Thread the right angle adapter into the equipment approximately 3 – 1/2 turns.
4. Remove the cap for the right angle adapter and loosen the seizure screw.
5. Trim the pin of the connector to 9/16" as indicated in the diagram below.
6. Hand tighten the connector into the right angle adapter. Wrench tighten an additional 1/8 to 1/4 turn (20 - 25 foot-pounds) while holding the CP 90 body stationary with another wrench.
7. Install the prepared cable into the pin connector per the manufacturer's instructions.
8. Finger tighten the seizure screw to the connector pin within the adapter, then tighten an additional 1/8 to 1/4 turn with a screw driver or nut driver.
9. Hand tighten the cap to the adapter then tighten an additional 1/8 to 1/4 turn (20 - 25 foot-pounds) with a wrench while holding the adapter body stationary with a second wrench.
10. Hand tighten the jam nut of the adapter to the port. While holding the CP 90 body stationary with a wrench, use a second wrench to tighten the jam nut an additional 1/8 to 1/4 turn (15-20 foot-pounds).
11. Tighten the seizure screw within the equipment housing according to the manufacturer's specification.



PRODUCT DATA SHEET

Part Number(s): **C KS KS ULT** Housing to Housing Swivel Adapter



Operation Specification:

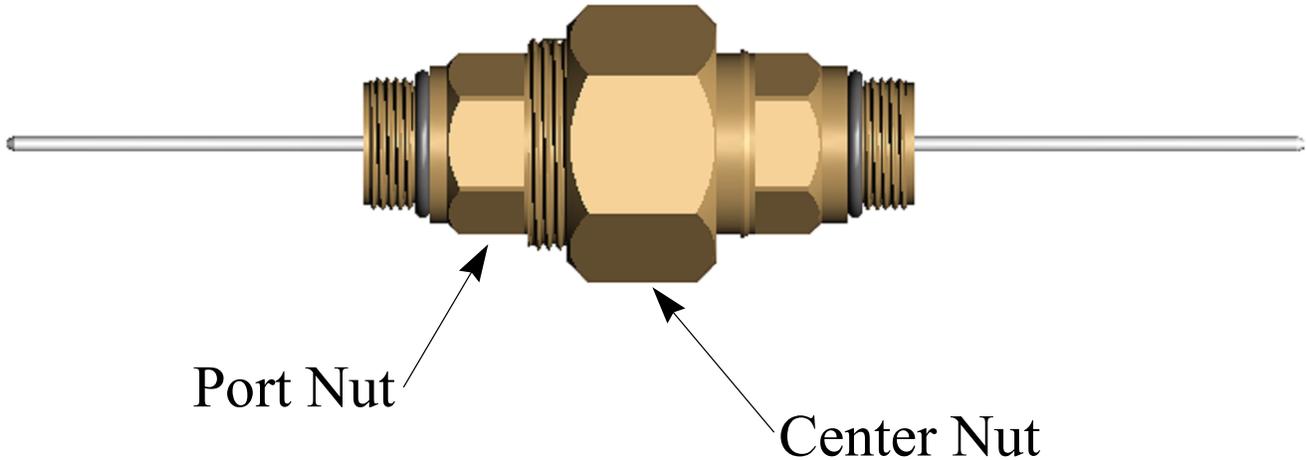
Bandwidth	0 Mhz to 1 GHz
Impedance	75 Ohms
Operating Voltage Rating	90 Volts (@ 60 Hz continuous AC)
Operating Current Rating	20 Amps (@ 60 Hz continuous AC)
Operating Temperature Range	-40° to +140° F

Tooling Requirements:

- One (1) 1-1/8" wrench
- One (1) 3/4" wrench
- Pin Cutters



INSTALLATION INSTRUCTIONS C KSKSULT



1. Loosen the seizure screws within the equipment housings.
2. Measure and trim both pins of the Adapter according to the equipment manufacturer's specification.
3. Thread one end of the Adapter into the equipment housing until hand tight, then tighten an additional $1/8$ to $1/4$ turn with a $3/4$ " wrench, 20-25 ft/lb.
4. Thread the second end of the Adapter into the second housing until hand tight, then tighten an additional $1/8$ to $1/4$ turn with a $3/4$ " wrench, 20-25 ft/lb.
5. While holding the port nut stationary with a $3/4$ " wrench, use a 1-1/8" wrench to tighten the center nut onto the port nut.
6. Tighten the seizure screws within the equipment housings according to equipment manufacturer's specification.



Pin Connectors

PPC 3-piece pin connectors designed to handle the challenges of today's digital cable networks including: high speed data, telephony, and performance beyond 1 GHz. PPC's hardline connectors are designed for all major CATV cable manufacturers.

3 Piece Product Specifications:

Bandwidth: 0 MHz to 1 GHz

Impedance: 75 Ohms (nominal)

Return Loss: Minimum -30 dB to 1 GHz

Insertion Loss: .05 dB at 500 MHz, .1 dB at 1 GHz

Surge Rating: 6 kV

RF Shielding Effectiveness: -120 dB

Operating Temperature: -40° F to +140° F (-40° C to +60° C)

AC Current (continuous): 20 Amps. Max

Meets or Exceeds all SCTE specifications

Construction for 3-Piece Hardline Connectors:

- Heavy-duty 6262 alloy aluminum construction for superior corrosion resistance
- Gold iridite plating for added protection
- Ultraviolet-resistant EPDM O-Rings
- Antigalling and long-life lubricant
- Contacts: brass with tin plate for long life, impervious to aging and extreme environmental conditions
- Withstands 40 PSIG pressurization
- External 5/8-24 mounting threads



Part Number Description

TPP500MC2	3-piece pin connector, 500 MC2 cable, .875" HEX
TPP500P3	3-piece pin connector, 500 P3 cable, .875" HEX
TPP540QR	3-piece pin connector, 540 QR cable, 1.000" HEX
TPP565P3/TX	3-piece pin connector, 565 P3/TX cable, .875" HEX
TPP625P3	3-piece pin connector, 625 P3 cable, 1.000"HEX