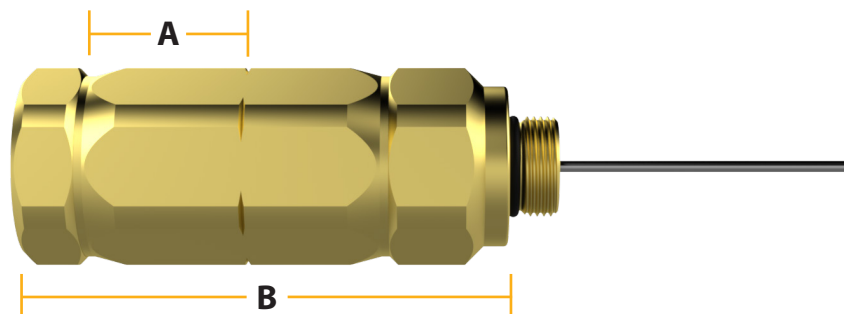


# Hardline 3-Piece Connector



## Mechanical Specifications

| Connector   | Hex Size<br><i>(inches)</i> | CC Trim Length (A)<br><i>(inches)</i> | Connector Length (B)<br><i>(inches)</i> | Cable Retention<br><i>(lbs)</i> |
|-------------|-----------------------------|---------------------------------------|---|---------------------------------|
| TPP500P3    | 1                           | 1                                     | 2.98                                    | 500                             |
| TPP540QR    | 1 1/8                       | 1                                     | 3.355                                   | 500                             |
| TPP565P3/TX | 1 1/8                       | 1                                     | 2.98                                    | 575                             |
| TPP625P3    | 1 1/8                       | 1                                     | 2.98                                    | 600                             |
| TPP700P3/TX | 1 1/4                       | 1                                     | 2.98                                    | 650                             |
| TPP715QR    | 1 1/4                       | 1                                     | 3.475                                   | 650                             |
| TPP750P3    | 1 1/4                       | 1                                     | 2.98                                    | 700                             |
| TPP840P3/TX | 1 3/8                       | 1                                     | 2.98                                    | 750                             |
| TPP860QR    | 1 1/2                       | 1 1/16                                | 3.6                                     | 795                             |
| TPP875P3    | 1 3/8                       | 1                                     | 2.98                                    | 800                             |

## Cable Dimensions

| Cable Series | Nominal Center Conductor Diameter<br><i>(inches)</i> | Nominal Sheath I.D.<br><i>(inches)</i> | Nominal Sheath O.D.<br><i>(inches)</i> | Diameter Over Jacket<br><i>(inches)</i> |
|--------------|--|--|--|---|
| 500P3        | 0.109  | 0.452                                  | 0.500                                  | 0.570                                   |
| 540QR        | 0.124  | 0.513                                  | 0.540                                  | 0.610                                   |
| 565P3/TX     | 0.129  | 0.519                                  | 0.565                                  | 0.635                                   |
| 625P3        | 0.136  | 0.563                                  | 0.625                                  | 0.695                                   |
| 700P3/TX     | 0.163  | 0.653                                  | 0.703                                  | 0.775                                   |
| 715QR        | 0.166  | 0.686                                  | 0.715                                  | 0.785                                   |
| 750P3        | 0.166  | 0.678                                  | 0.750                                  | 0.830                                   |
| 840P3/TX     | 0.194  | 0.780                                  | 0.840                                  | 0.920                                   |
| 860QR        | 0.203  | 0.828                                  | 0.860                                  | 0.960                                   |
| 875P3        | 0.194  | 0.797                                  | 0.875                                  | 0.955                                   |

## Preparation & Installation Tools

Two (2) adjustable wrenches

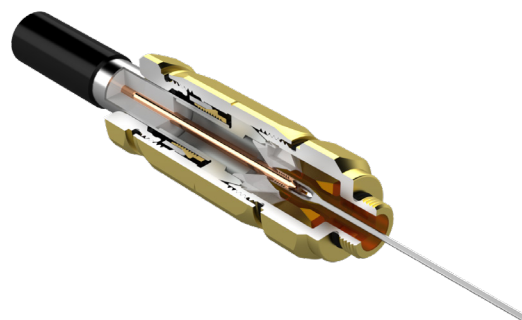
Linemen's pliers or other appropriate cutters

Appropriate cable preparation tools

## Electrical Specifications

|                                 |                                  |
|---------------------------------|----------------------------------|
| <b>Bandwidth</b>                | 0 MHz to 3 GHz                   |
| <b>Impedance</b>                | 75 Ohms (nominal)                |
| <b>Return Loss</b>              | -25 dB to 1.794 GHz              |
| <b>Insertion Loss</b>           | -0.25 dB to 1.794 GHz            |
| <b>Operating Voltage</b>        | 90 V (at 60 Hz continuous AC)    |
| <b>Operating Current Rating</b> | 20 Amps (at 60 Hz continuous AC) |
| <b>Operating Temperature</b>    | -40°F to + 140°F (-40°C to 60°C) |

*Meets or Exceeds all SCTE Specifications*



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