

# SignalTight® Premium EX Universal Connector

## Series 11 Right Angle



### Overview

PPC's SignalTight® premium EX universal right angle connectors for RG11 series coaxial cable are available with or without an AquaTight® integrated port seal. When working in a crowded pedestal, space is at a premium. Cable is often damaged by forcing the pedestal shut, changing the impedance of the drop. Right angle connectors prevent improper cable bending and tap ports from breaking even in smaller pedestals. The right angle connector provides a tech-friendly way to make installation in a tight space easier, while maintaining class leading electrical, environmental, and mechanical performance.



### Technical Data

Specification	Parameter
Bandwidth	0 MHz to 3 GHz
Impedance	75 Ohms (nominal)
Return Loss (Gated)	
5 to 1000 MHz	-35 dB
1000 to 2000 MHz	-25 dB
2000 to 3000 MHz	-15 dB
Insertion Loss	
5 to 3000 MHz	Less than 0.15 dB
Operating Voltage Rating	90 Volts (@ 60 Hz continuous AC)
Operating Temperature Rating	-40 °C to 60 °C (-40 °F to 140 °F)
Cable Range	60% through Quad shield, PE and PVC jackets
Cable Retention	60% braid – 50 pounds minimum Quad shield – 100 pounds minimum



### Tooling Requirements

PPC Part Number	Description
UDT 596711-250, DDT59611	1/4 in - 1/4 in universal drop cable preparation tool
VT200, VT300, CAT-AS	Compression tool
TW309	Torque wrench

### Ordering Information

PPC Part Number	Description
EX11RAFM	Universal right angle RG11 connector
EX11RAFMWS	Universal right angle RG11 connector w/ integrated port seal

These products may be protected by one or more patents • For further information, please visit: [www.ppc-online.com/patents](http://www.ppc-online.com/patents)

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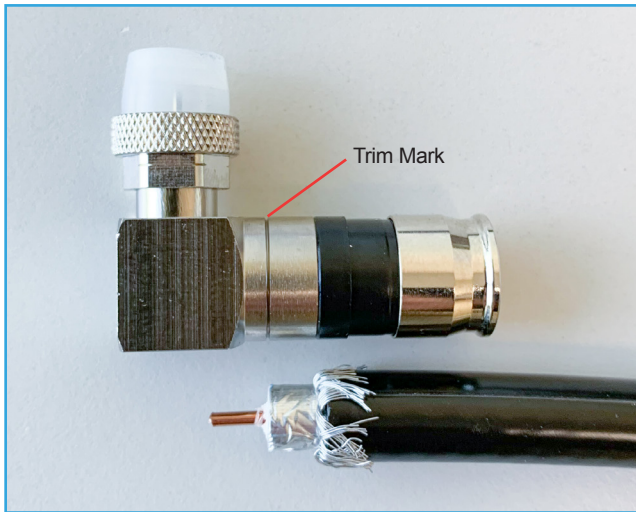
Series 11 Right Angle



## Installation Guide

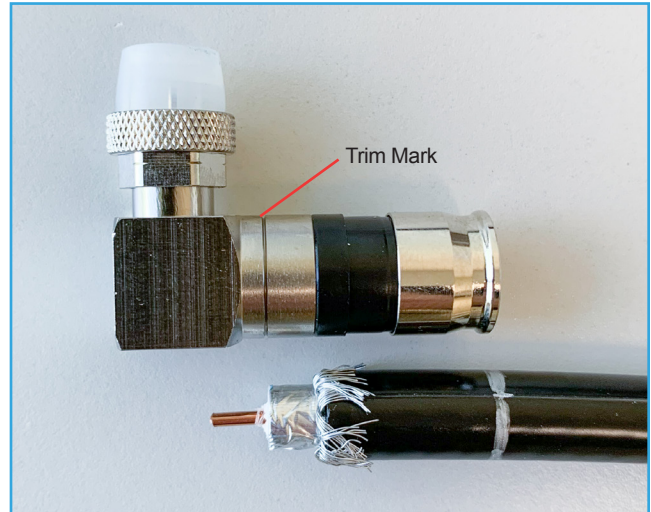
**Step 1:** Cut cable end squarely and prepare to 1/4 in x 1/4 in standard prep using commercially-available drop cable preparation tool.

**Step 3:** Align the end of the dielectric with the trim mark.

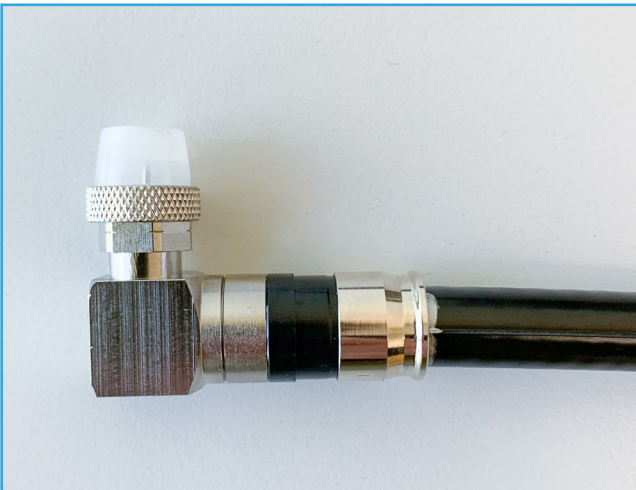


**Step 2:** Fold braid back over jacket as shown in Steps 3 and 4. If using quad-shield, remove outer foil prior to folding back inner layer of braid.

**Step 4:** Using your thumb or a marker, make a mark on the cable jacket that's even with the end of the connector.



**Step 5:** Insert cable into connector and push firmly while rotating clockwise until the connector reaches the mark on the jacket.



**Step 6:** Install connector into compression tool and close handle until there is no gap between compression ring and plastic body.



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