



BNC Twinax Plug to BNC Twinax Plug Cable  
300 Inch Length Using 78 Ohm RG108 Coax

## RF Cable Assemblies Technical Data Sheet

**PE3480-300**

### Configuration

- Connector 1: BNC Twinax Plug
- Connector 2: BNC Twinax Plug
- Cable Type: RG108

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		66		%
Capacitance		19.7 [64.63]		pF/ft [pF/m]

### Mechanical Specifications

#### Cable Assembly

Length	300 in [762 cm]
Diameter	0.571 in [14.5 mm]
Weight	1.045 lbs [474 g]

#### Cable

Cable Type	RG108
Impedance	78 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE (LD)
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.235 in [5.97 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Twinax Plug to BNC Twinax Plug Cable 300 Inch Length Using 78 Ohm RG108 Coax PE3480-300](#)



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### Connectors

Description	Connector 1	Connector 2
Type	BNC Twinax Plug	BNC Twinax Plug
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	78 Ohms	78 Ohms
Contact Material and Plating	Brass/Beryllium Copper, Gold	Brass/Beryllium Copper, Gold
Contact Plating Specification	30µ in. minimum	30µ in. minimum
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100µ in. minimum	100µ in. minimum

### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

For RoHS Compliant version, use PE3480LF-300. Contact Pasternack if product cannot be found.  
 REACH Compliant 12/17/2015

### Plotted and Other Data

Notes:

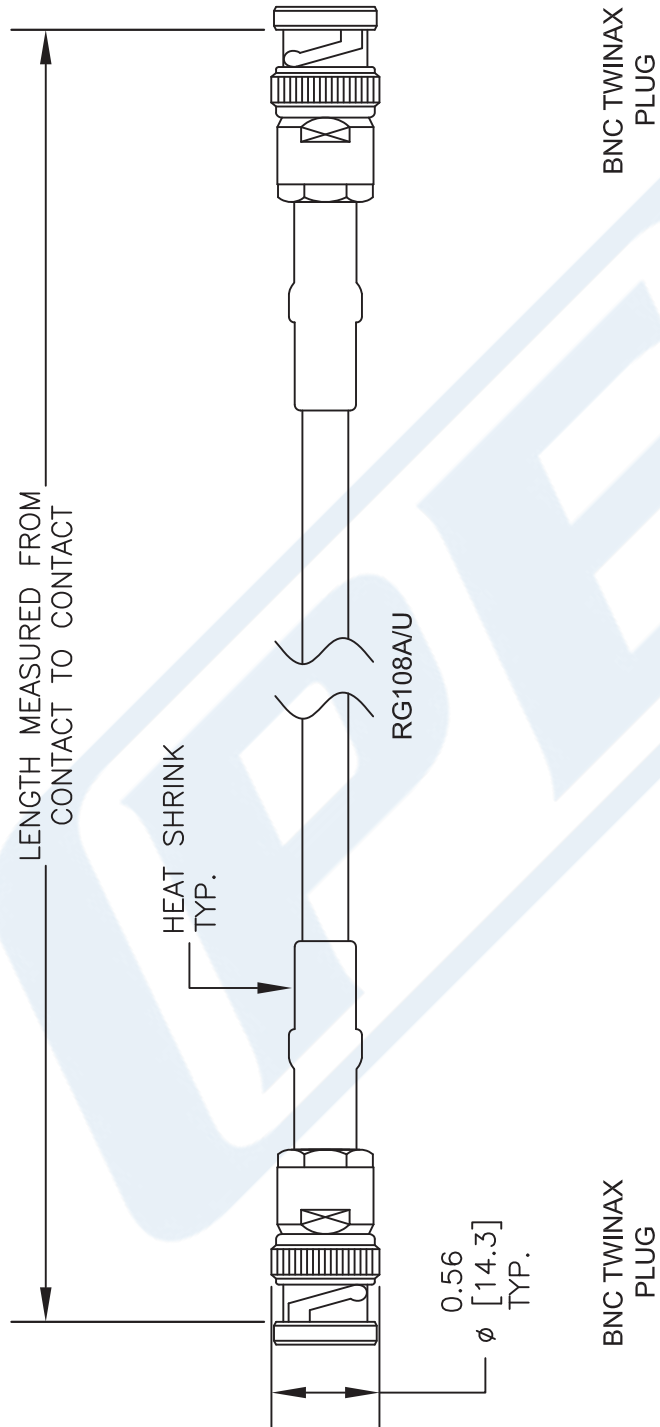
- Values at 25°C, sea level.

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# PE3480-300 CAD Drawing

BNC Twinax Plug to BNC Twinax Plug Cable 300 Inch Length Using 78 Ohm RG108 Coax



DWG TITLE

**PE3480**

- NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
  2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
  3. DIMENSIONS ARE IN INCHES [mm].
  4. LENGTH TOLERANCE IS  $\pm 1.5\%$  OR  $3/8"$ , WHICHEVER IS GREATER.

FSCM NO. 53919

CAD FILE 030816

SCALE N/A

SIZE A

2233



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