



UHF Male to BNC Male Cable 36 Inch Length Using RG225 Coax

RF Cable Assemblies Technical Data Sheet

PE34589-36

Specifications by Frequency

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|-----------------------|-------|--------|--------|--------|--------|-------|
| Frequency | 50 | 100 | 250 | 500 | 1,000 | MHz |
| Insertion Loss (Typ.) | 0.219 | 0.238 | 0.294 | | | dB |
| VSWR (Max.) | 1.4:1 | 1.4:1 | 1.4:1 | 1.4:1 | 1.4:1 | |
| Return Loss (Max.) | 15.56 | 15.563 | 15.563 | 15.563 | 15.563 | dB |

Mechanical Specifications

Cable Assembly

| | |
|----------|----------------------|
| Length* | 36 in [914.4 mm] |
| Diameter | 0.7 in [17.78 mm] |
| Weight | 0.638 lbs [289.39 g] |

Cable

| | |
|--------------------------------------|----------------------------|
| Cable Type | RG225 |
| Impedance | 50 Ohms |
| Inner Conductor Type | Stranded |
| Inner Conductor Material and Plating | Copper, Silver |
| Dielectric Type | PTFE |
| Number of Shields | 2 |
| Shield Layer 1 | Silver Plated Copper Braid |
| Shield Layer 2 | Silver Plated Copper Braid |
| Jacket Material | PTFE (FG), Tan |
| Jacket Diameter | 0.43 in [10.92 mm] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male to BNC Male Cable 36 Inch Length Using RG225 Coax PE34589-36](#)



UHF Male to BNC Male Cable 36 Inch Length Using RG225 Coax

RF Cable Assemblies Technical Data Sheet

PE34589-36

Connectors

| Description | Connector 1 | Connector 2 |
|------------------------------------|------------------|------------------|
| Type | UHF Male | BNC Male |
| Specification | | MIL-STD-348A |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material and Plating | Brass, Gold | Brass, 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 |
| Coupling Nut Material and Plating | Brass, Nickel | Brass, Nickel |
| Coupling Nut Plating Specification | 100μ in. minimum | 100μ in. minimum |

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8"$, whichever is greater.

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male to BNC Male Cable 36 Inch Length Using RG225 Coax PE34589-36](#)



UHF Male to BNC Male Cable 36 Inch Length Using RG225 Coax

RF Cable Assemblies Technical Data Sheet

PE34589-36

How to Order

Part Number Configuration:

PE34589

- xx

uu

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE34589-12 = 12 inches long cable
PE34589-100cm = 100 cm long cable

UHF Male to BNC Male Cable 36 Inch Length Using RG225 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [UHF Male to BNC Male Cable 36 Inch Length Using RG225 Coax PE34589-36](https://www.pasternack.com/uhf-male-bnc-male-rg225u-cable-assembly-pe34589-36-p.aspx)

URL: <https://www.pasternack.com/uhf-male-bnc-male-rg225u-cable-assembly-pe34589-36-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE34589-36 CAD Drawing
UHF Male to BNC Male Cable 36 Inch Length Using RG225 Coax

