

## Model 5066

### Do-It-Yourself Male BNC Connector with Strain Relief Boot For RG 58 and 141 Coax cable



#### FEATURES:

- ✓ Fits coax cable types RG 58 and RG 141 with cable OD of: .185" to .200" (4.7mm to 5.08mm)
- ✓ Do-It-Yourself and field serviceable.
- ✓ Strain relief boot.
- ✓ Ten boot colors available.

#### MATERIALS:

##### Connector:

Body and Fittings – Brass per QQ-B-626, Alloy 360, ½ Hard.

Center Contact – Brass per QQ-B-626, Alloy 360, ½ Hard.

Dielectric – Teflon per ASTM D1457.

Vee Gasket – Silicone rubber per QQ-R-765, Class 11A, Grade 50.

Clamp Nut – Brass per QQ-B-626, Alloy 360, ½ Hard.

##### Finish:

Body and Fittings – Nickel plated, tarnish resistant

Center Contact – Gold plated per requirements of MIL-C-39012

Clamp Nut – Nickel plated per QQ-N-290, Class 2.

#### RATINGS:

Impedance: 50 Ohms

Frequency: DC to 3 GHz.

VSWR: 1.35 @ 3 GHz.

Insertion loss: .2 dB @ 3 GHz.

Cable Retention Force: 40 lbs.

Mating Cycles: 500

Temperature: +50°C. (+122°F.) Max.

Voltage: Hands free testing in controlled voltage environments: 500 Peak Max. *For CE compliance:* not intended for hand-held use at voltage above 33 Vrms/70 Vdc.

#### ORDERING INFORMATION:

Model 5066-boot color\*      *Example:* to order a 5066 with a red boot, the order number is 5066-2

##### \*Boot Colors:

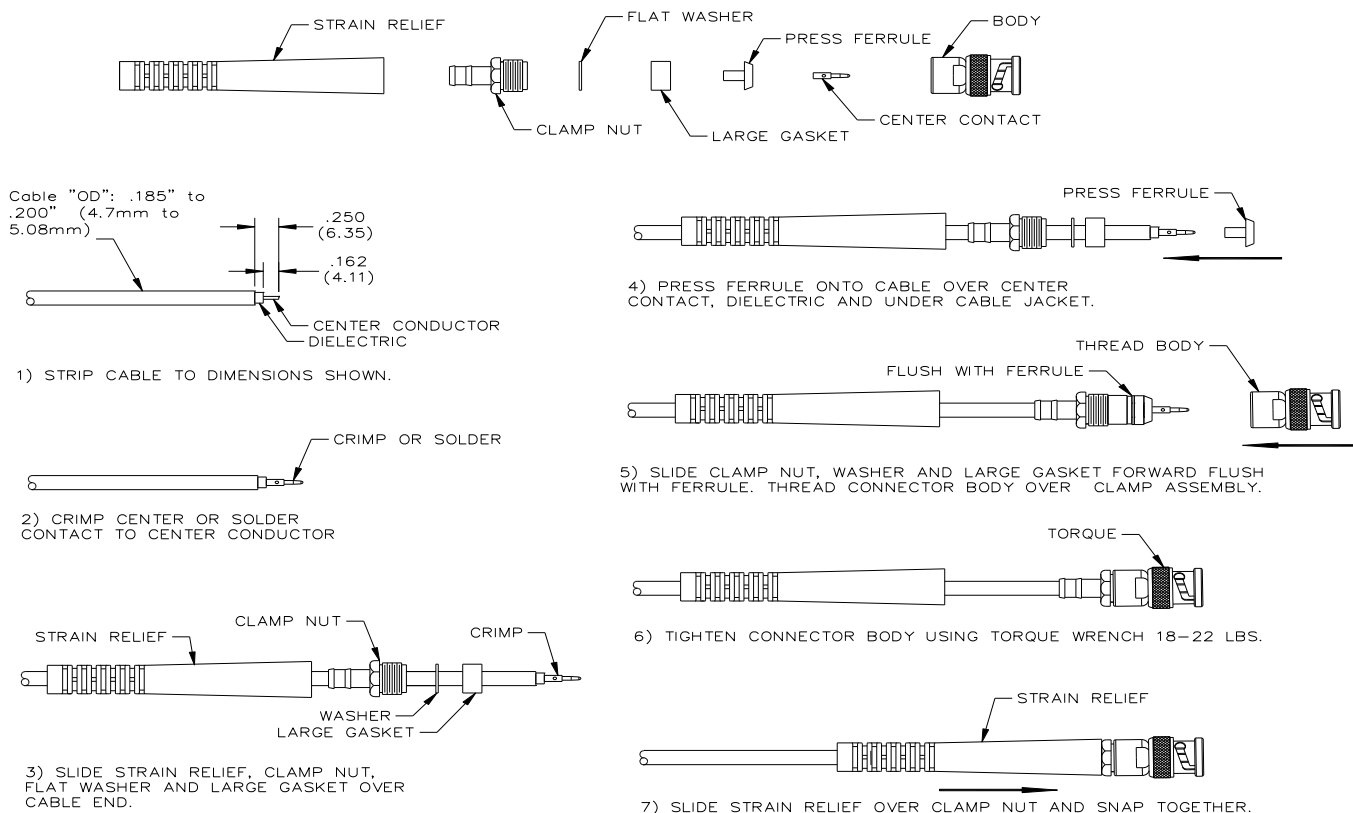
0 (Black), 1 (Brown), 2 (Red), 3 (Orange), 4 (Yellow), 5 (Green), 6 (Blue), 7 (Violet), 8 (Gray), 9 (White)

All dimensions are in inches. Tolerances (except noted): .xx = ±.02" (.51 mm), .xxx = ±.005" (.127 mm).

All specifications are to the latest revisions. Specifications are subject to change without notice.

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## Assembly Instructions



All dimensions are in inches. Tolerances (except noted): .xx =  $\pm .02$ " (.51 mm), .xxx =  $\pm .005$ " (.127 mm).

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