



## Specifications for "F" Connectors

F style connectors are the least expensive, general purpose connectors with non-constant impedance for use at 500 volts or less, and for use with low frequencies to 500Mhz. These coaxial connectors are widely used in Cable TV, MATV, CCTV, and related consumer television products. They are available in a limited selection to fit various cable sizes. **NOTE: See V-Bite 861V509ER6 -40dB @ 2.3GHz**

### MATERIALS

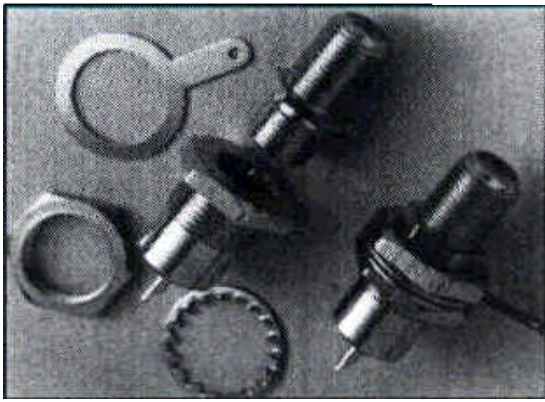
Connector Parts	Material
Connector Body and Parts	Brass
Male Contact Pin	Brass
Insulators	Polypropylene
Plating	Nickel
Ferrule	Annealed Copper

### ELECTRICAL

Requirement	Performance
Impedance	Non Constant
Frequency Range	0-500MHz ***
VSWR	1.5 Max.
Working Voltage (At Sea level)	500V rms
Insulation Resistance	5000 Megohm Min.
Contact Resistance	3 mW Max.
Test Voltage	1000V r.m.s

### MECHANICAL & ENVIRONMENTAL

Requirement	Performance
Durability	500 Matings
Shock	30 G
Cable Retention	40 Lbs. Min.
Temperature Range	-40 to +65°C.
Moisture Range	Continuous Test



## Push EZ™ “F” Plugs With LIFT™

Bomar’s exclusive LIFT® Technology (Low Insertion Force Termination) is used in the patented Push-EZ™ connector. It installs by simply stripping the cable and inserting it into the connector. That’s it. And it will not pull out.

**No crimp tooling required.**



Part Number	RoHS	Description	RG/U	Body Cable Plating
810PE209A	<input checked="" type="checkbox"/>	Push-EZ™ Plug with LIFT® Technology	6	Nickel
810PE209G	<input checked="" type="checkbox"/>	Push-EZ™ Plug with LIFT® Technology	59	Nickel
810PE205A	<input checked="" type="checkbox"/>	Push-EZ™ Plug with LIFT® Technology	6	Gold
810PE205G	<input checked="" type="checkbox"/>	Push-EZ™ Plug with LIFT® Technology	59	Gold
<input checked="" type="checkbox"/> RoHS compliant				

