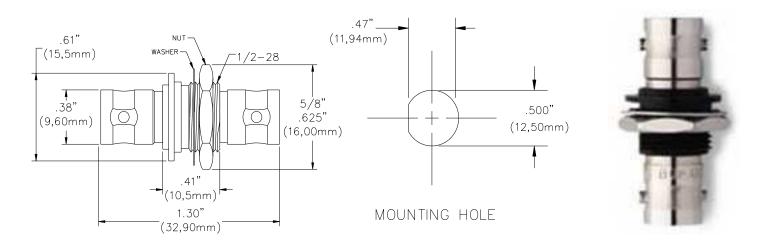


## Model 6705 Isolated BNC F/F Panel Connector for HDTV

CE



## **Features:**

- ✓ True 75 ohm impedance.
- ✓ Designed to meet the rigid standards for HDTV.
- ✓ Panel isolated with black nickel plating for easily identification as an HDTV connector.
- ✓ Connectors are precision machined (not die-cast) from brass.
- ✓ Insulator material is high density PTFE to maintain a perfect dielectric constant.
- ✓ Connectors utilize gold plated contact pin to maintain low return loss in high definition applications.

## **Materials:**

Connector Body: Black nickel plated brass
Outer Contact: Nickel plated brass
Female Contact Pin: Gold plated brass

Insulator: Polytetrafluorethylene (PTFE)

**Ratings:** 

Impedance: 75 ohms
Frequency: 0 to 3 GHz.
VSWR: 1.3 max

Insertion Loss: 0.2 db (@ 3GHz.) Leakage Loss: -55 db (@ 3GHz.) Contact Resistance: 3 Milliohms Insulation Resistance: 5,000 Megohms

Insertions: 500

Temperature:  $-40^{\circ}$  F to  $185^{\circ}$  F  $(-40^{\circ}$ C to  $+85^{\circ}$ C)

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

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

All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies. Made in USA

Sales: 800-490-2361 Fax: 888-403-3360 Technical Assistance: 800-241-2060 For "Where to Buy" information, visit the Pomona web site at www.pomonaelectronics.com