Pomona .

Model 6705 Isolated BNC F/F Panel Connector for HDTV

CE

.47" .61" NUT (11,94mm) (15,5mm) WASHER /2-28 5/8' .38" .500' .625" (9,60mm) (12,50mm) (16,00mm) .41" (10,5mm) 1.30" MOUNTING HOLE (32,90mm)

Features:

- ✓ True 75 ohm impedance.
- \checkmark Designed to meet the rigid standards for HDTV.
- ✓ Panel isolated with black nickel plating for easily identification as an HDTV connector.
- \checkmark 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° F to 185° F (-40° 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

