



**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° F to 185° F (-40°C to +85°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 = ±.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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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](http://www.pomonaelectronics.com)