

Cable / Digital In-Home
Entertainment

Get a high-quality connection that's fast and easy to install

With the advent of HDTV, broadband cable, and sophisticated home entertainment systems, connecting today's CATV systems calls for high-performance parts. The connectors you could once install for analog cable TV, don't stand up to today's high bandwidth requirements. Pomona F connectors offer professional grade performance along with extremely easy connections. You can quickly install the new push-on style Fs without a crimp tool, to save time. And they'll still withstand a 40 pound pull.

Features

- Made from high quality brass.
- All Type F connectors and adapters are 75Ω for broadcast applications.
- Female center contacts are made from heat treated beryllium copper for long wear life.
- Push-on connector design for easy installation. Simply strip the cable and push-on the connector. No crimp tool required.

Material Specifications

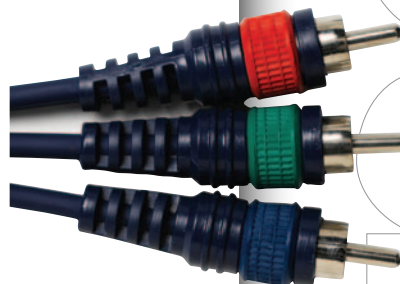
- *Body:* Gold plated brass (Push-ons), Machined Nickel plated brass (adapters) *Female center contacts:* Gold plated Heat treated Beryllium copper for long wear life.
- *Insulation Dielectric:* PTFE (adapters).

General Specifications

- *Impedance:* 75Ω.
- *Frequency:* 0 to 500 MHz (F-Connectors).
DC to 1.5 GHz (Adapters).
- *VSWR**: 1.5 Max.
- *Insulation resistance:* 5000 MΩ.
- *Dielectric withstand voltage:* 500 Vrms.
- *Voltage:* 500 Vrms/70 Vdc.
- *Temperature:* -40°F to 149°F (-40°C to 65°C).
- *Durability:* 500 ratings.
- *Cable detention:* 40lb (18.1kg) min.

** Hands free testing in controlled environment. For CE compliance: not intended for handheld use at voltages above 33 Vrms / 70 Vdc.

* VSWR applies to F connectors only.



RCA (Phono Plug)
Cable Assemblies



F connectors



Between Series
Adapters



RCA Adapters

See following page
for a complete list
of digital In-home
entertainment products

RCA (Phono Plug) Cable Assemblies



Phono Plug to BNC Male with Strain Relief, 2ft to 5ft (0.6m to 1.5m), Black
4963-E



Phono Plug Cable with Molded Strain Relief, 2ft to 4ft (0.6m to 1.2m), Black
5092-K



3 RCA Plugs / 3 RCA Plugs Cable Assembly, Gold Contacts; 15ft (4.6m) Red, Green and Black
6900-180

RCA Plug / RCA Plug Cable Assembly, 15ft (4.6m), Yellow

6901-180



2 RCA Plugs / 2 RCA Plugs Cable Assembly, 15ft (4.6m), Red and White
6896-180



RCA Plug / RCA Plug Cable Assembly, 15ft (4.6m), Black
6898-180

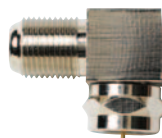
F Connectors



F (F) Push-on Connector for RG6
6707



F (F) Push-on Connector for RG59
6708



F (M/F) Right Angle
6800



F (M/F) In-line
6801



F (F/F) Bulkhead Receptacle
6802



F (F) PCB Mount
6803

Between Series Adapters



BNC (M) / F (F), 75Ω
6779



BNC (F) / F (M), 75Ω
6781



BNC (F) / F (F), 75Ω
6780



BNC (M) / F (M), 75Ω
6782

RCA Connectors



RCA Jack
6880



RCA Adapter (F/M/F)
6882



RCA Plug
6881

Go to **www.pomonaelectronics.com** for more information

In the United States:

Pomona Electronics
9028 Evergreen Way
Everett, WA 98204
United States

www.pomonaelectronics.com

Tel: 1.800.490.2361
Fax: 425.446.5844

In Europe:

Pomona Electronics
P.O.Box 1186
5602 BD Eindhoven
The Netherlands

www.pomona.cc

Tel: +31 (0) 40 2675 150
Fax: +31 (0) 40 2675 151

All other areas:

www.pomonaelectronics.com

Tel: 1.425.446.5500
Fax: 1.425.446.4806

Copyright © 2004. Pomona is a registered trademark of Pomona Electronics. Specifications subject to change without notice. All rights reserved. Printed in the USA. 5/04 2153555 D-ENG-N Rev. A

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Pomona:

[6803](#) [6800](#) [6801](#) [6882](#)