

RJAX 6040

75-Ohm Self-Terminating Wallplate

RJAX 6040 is a 75-ohm, self-terminating wallplate, designed for coaxial connections utilizing Revotech RJAX snap-in plugs. In addition to unparalleled ease-of-use, RJAX 6040 wallplates solve cable signal problems associated with non-terminated coax connections in a home or building. Non-terminated coaxial connections result in substantial signal reflections and RF noise, all of which feeds back into the main cable/satellite system, degrading overall signal quality.

All un-terminated cable or transmission lines, or those terminated inconsistent with the characteristic impedance of the cable reflect energy. VSWR and signal reflections reduce both signal quality and signal to noise ratio (SNR), particularly at higher frequencies such as those of broadband digital, broadcast video or high-resolution computer graphics.

RJAX 6040 self-terminating wall plate correctly terminates the 75-ohm video cable every time, delivering the highest signal and picture quality. Along with plug and play simplicity, RJAX 6040 reduces radio frequency (RF) noise ingress and signal reflections (VSWR), improving signal to noise ratio (SNR) and overall signal quality. Higher quality signal delivers higher quality picture for video. Because RJAX 6040 is self-terminating, increased signal quality is automatic!

Existing problems with standard, screw-on F-connectors are now replaced with simple, plug-in connections, allowing for trouble-free changes and modifications in the home or business. RJAX male and female connectors increase flexibility and eliminate alignment and tightening problems associated with existing, screw-on F-connectors and coax threaded nuts.



Product Features

- **RJAX RJ Plug-in coaxial connector provides the technology for the spring design 6040 wallplate**
- **Precise alignment of RJAX plug easily snaps into RJAX 6040 wallplate**
- **RJAX 6040 prevents ingress RFI, eliminating signal degradation**
- **RJAX 6040 prevents egress RFI, eliminating undesired emissions**
- **RJAX 6040 improves signal to noise ratio (SNR)**
- **RJAX 6040 minimizes reflected voltage, potentially double line voltage when un-terminated**
- **Cable/Satellite customers experience higher customer satisfaction due to higher quality picture**
- **Increased customer satisfaction = increased client referrals = increased profits**
- **Plug and play connectivity allows for faster cable/satellite installation**
- **Faster cable/satellite installations = cost reductions = increased profits**
- **RJAX manufactured under license for U.S. Patent 6,568,965**

Mechanical

- ✦ **Mating/Unmating Forces:** 4.5 lbs. Max
- ✦ **Operating Temperature:** -40°C to 70°C
- ✦ **Storage Temperature:** -20°C to 85°C

Electrical

- ✦ **Voltage Rating:** AC 150V
- ✦ **Dielectric Withstanding Voltage:** 1000VAC, RMS.60Hz. 1 min.
- ✦ **Insulation Resistance:** 500megohms minimum
- ✦ **Contact Resistance:** 50 milliohms maximum 1A
- ✦ **Impedance:** 75 Ohms
- ✦ **VSWR** - 1.2max. 0-1500 Mhz

Material & Finish

- ✦ **Contact:** Coaxial Cable at different specifications
- ✦ **Shield:** 0.25 [.010] copper alloy, tin-lead plated

ORDERING INFORMATION

RJAX coax connectors

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Produced under a Quality Management System
Certified to ISO 9001

Revotech Industries International

USA Headquarters:
445 S. Figueroa Street
Suite 2700
Los Angeles, CA 90071
USA
213-489-6848
www.revotech.net

Asia Operations:
Eko Tech Co., Ltd.
4F-1 347, Yang Guang St.
Neihu Chiu
Taipei, Taiwan 11475
+886-2-2657-6208
www.eko.com.tw