

APPLICATION NOTE

www.ittcannon.com**Custom 50 Ohm RF Cable Assemblies**

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The Challenge

To provide a robust 50 Ohm RF interconnect solution with ease of installation, special interface latching properties, and good electrical performance.



Features

- VSWR of less than 1.25 – 1 @3 GHz
- Special panel mount locking “e” clip
- Jacket of the cable cut back for ground lead or tab
- High withdrawal forces on the MCX snap coupling for vibration requirements
- Special packaging

Benefit to the Customer

- Robust design, low cost
- Tray packaging
- RoHS and WEEE Compliant
- Low loss interconnect
- 100% tested for hi-pot and continuity

The ITT Solution ...

ITT designed a special Fakra and MCX interface exceeding the customer’s requirements.

ITT’s leading technologies include Network Analyzers for electrical testing, Over-Molding equipment, and attachment to both semi-rigid and flexible cable.

Applications

Interconnect assemblies for:

- Military Communications
- Body Scanners
- Satellite Communications
- Airborne radar
- Electronic Warfare
- Test and Instrumentation

ITT has the capability of producing assemblies in Mexico, China, England or the United States

For application assistance, please contact:

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