

AMC Jumper Expansion AMMC Product Series Introduction

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Connectors

Introduction

As portable devices shrink in size and demand for those devices grows, so does the demand for small form factor interconnect.

This new product alert points out the following new product releases:

- AMC jumpers with 0.81mm and RG-178 cable join our existing line of AMC jumpers
 - AMMC PCB mount connector
 - AMMC jumpers with 0.81mm and 1.13mm cable
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- AMC products are equivalent to Hirose's U.FI, and IPEX/Taoglas 20279 series
 - AMMC products are equivalent to Hirose's W.FI and IPEX/Taoglas 20369 series

AMC Overview and Updates

■ AMC Series Products

— PCB Connector, A-1JB



— Between Series Adapters



- 031-6101 - AMC Plug to TNC RP Jack, Panel Mount, 6GHz 50 ohm
- 031-6101-1 - AMC Plug to TNC RP Jack, Panel Mount, 3GHz 50 ohm
- 031-6109 - AMC Plug to BNC RP Jack, Bulkhead, 50 ohm
- 031-6112 - AMC Plug to TNC RP Jack, Bulkhead, 50 ohm
- 031-6137 - AMC Plug to TNC RP Jack, Panel Mount, 50 ohm
- 031-6208 - AMC Plug to TNC Jack, Bulkhead, 50 ohm
- 901-10097 - AMC Plug to SMA RP Jack, Bulkhead, 50 ohm
- 901-10175 - AMC Plug to SMA Jack, Bulkhead, 50 ohm
- 901-10395 - SMA RP Jack to AMC Jack, Bulkhead, 50 ohm

— Jumper Cables

- AMC Jumpers for:
 - **New** 0.81 micro-coax
 - 1.13 micro-coax
 - 1.32 micro-coax
 - 1.37 micro-coax
 - **New** RG-178 cable



AMMC Overview

■ AMMC Product Series

- 100% compatible with Hirose W.FL series
- Low profile: 1.4 mm mating height
- PCB Footprint: 2mm x 2mm
- 50 Ω to 6 GHz
- Similar snap on/off mating to AMC

■ Products

- PCB Connector, A-2JA



- Lumpers



- Multiple lengths, 0.81 and 1.13 micro-coax

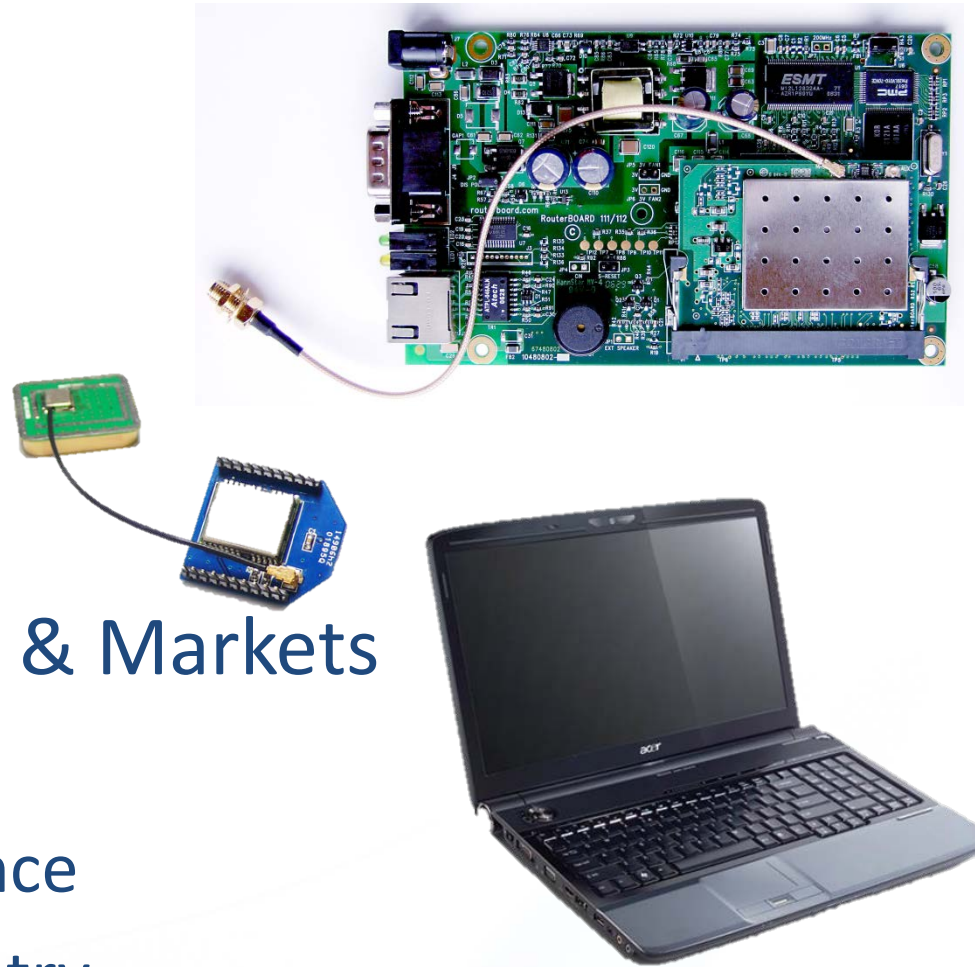
- Adapters

- AMMC to SMA Jack
- AMMC to SMA Plug



Applications

- Portable Devices
- Wireless Modules
- Bluetooth
- GPS
- Potential Customers & Markets
 - RFID Products
 - Security & Surveillance
 - Telematics & Telemetry



Ordering Information

■ PCB Connectors

– AMC P/N: [A-1JB](#)



- 2500 per reel

- Equivalent to:

- Hirose U.FL-R-SMT
- TE 1909763-1
- Cinch 128-0711-201
- Molex 734120110
- IPEX & Taoglas 20279-001E-01

– AMMC P/N: [A-2JA](#)



- 3000 per reel

- Equivalent to:

- Hirose W.FL-R-SMT
- IPEX & Taoglas 20369-001E-01

■ Adapters

– SMA Plug to AMMC Jack

- 242290



– SMA Jack to AMMC Jack

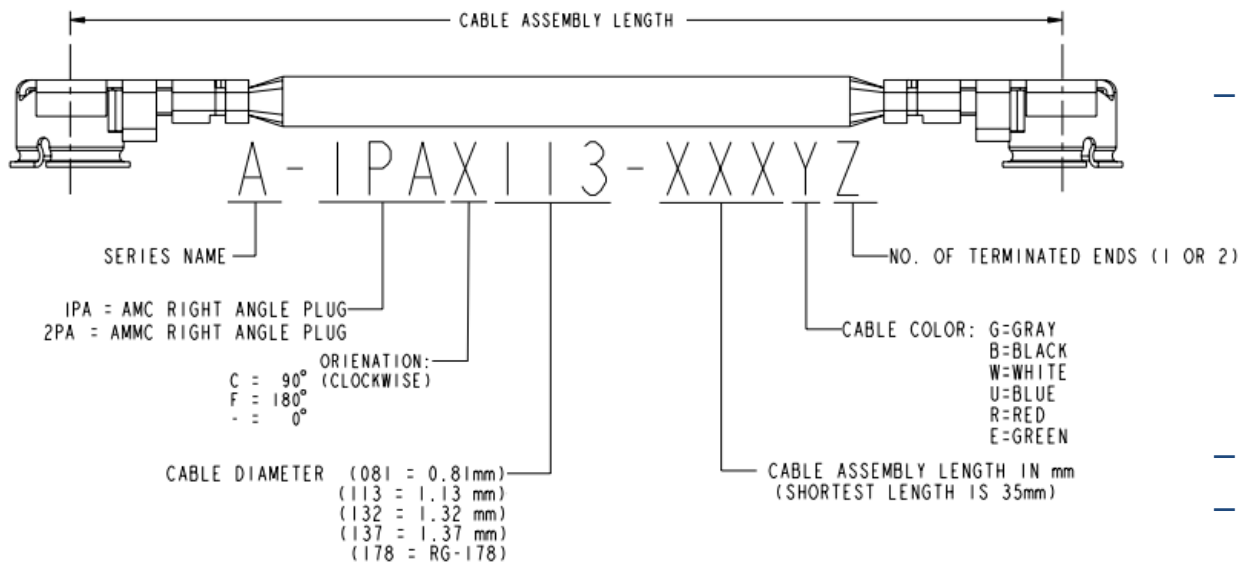
- 242291



Ordering Information (Continued)

■ Jumper Assemblies

- [AMC Jumpers](#)
- [AMMC Jumpers](#)



■ Preconfigured Options:

- Orientation: 0°
- Available Cable Types:
 - AMC:
 - 0.81
 - 1.13
 - 1.32
 - 1.37
 - RG-178
 - AMMC:
 - 0.81
 - 1.13
- Standard Lengths:
 - 50mm
 - 100mm
 - 150mm
 - 200mm
 - 250mm
 - 300mm
 - 500mm
 - 1000mm
- Cable Color: Black
- Terminated ends: 2

Resources

- [AMC Product Info](#)
- [AMMC Product Info](#)
- [AMC Cut Sheet](#)
- [AMMC Cut Sheet](#)
- [Competitor Cross-Reference](#)