

# 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  $\Omega$  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

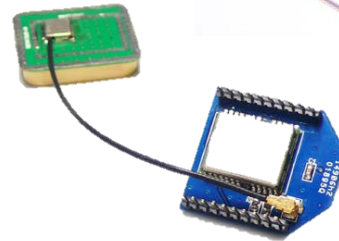
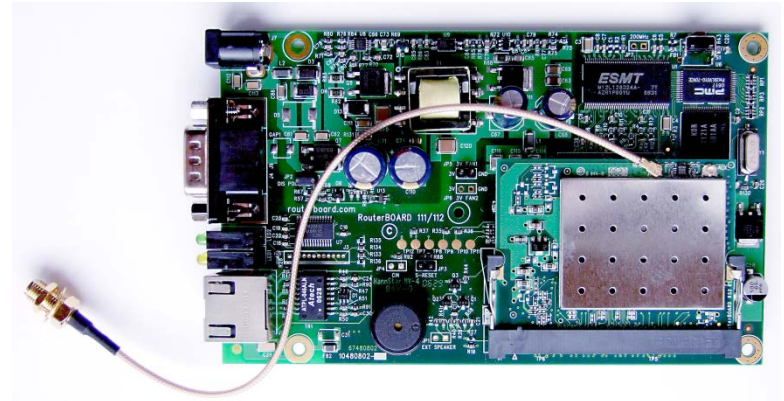
- Adapters

- 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

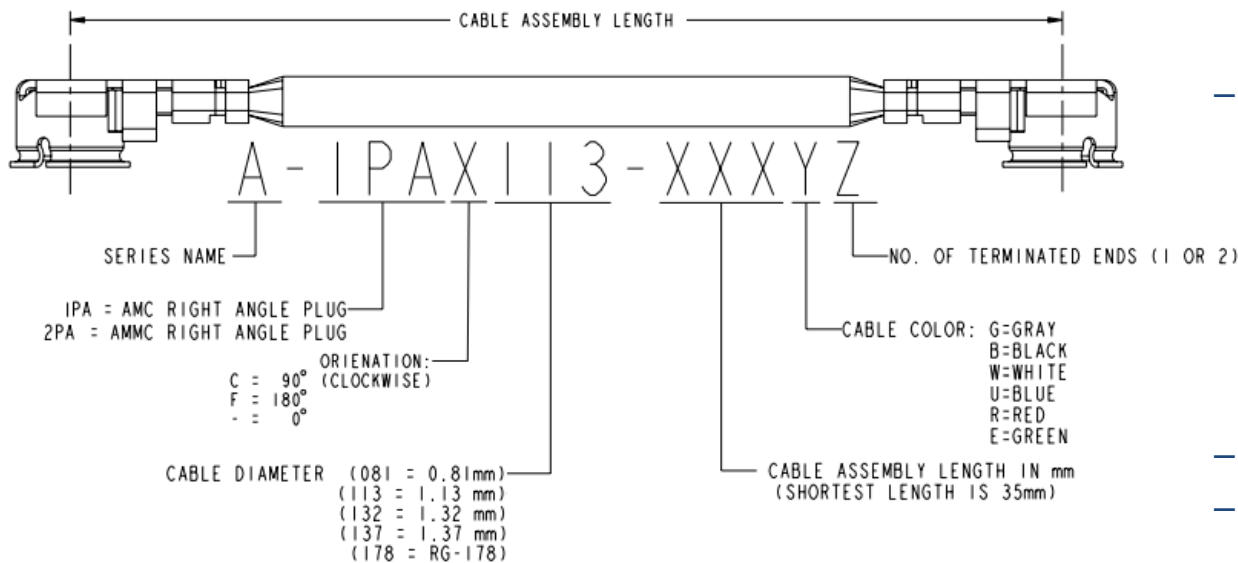
- 242291



# 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](#)