# New and Improved SMA to AMC Fixed Length Cable Assemblies

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### Introduction

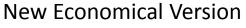
Amphenol RF is pleased to announce the release of a line of new SMA to AMC fixed length cable assemblies featuring improved design SMA connectors.

- Industry standard designs and configurations
- Improved designs at comparable or lower price than original designs

# Standard SMA to AMC Assemblies What has changed?

- Removed cut in threads to allow for thicker panel mounting
- Removed O-Ring and reduced flange size to align with industry standard







# IP-67 SMA to AMC Assemblies What has changed?

 Removed cut in threads and elongated threaded mating face to allow for significantly thicker panel mounting







## **Configurations Compared**









	Old SMA to AMC	Improved SMA to AMC	Old IP67 SMA to AMC	Improved IP67 SMA to AMC
Available Cable Types	1.13mm 1.32mm 1.37mm	1.13mm 1.32mm 1.37mm	1.13mm	1.13mm
O-Ring Flange	Yes	No	Yes	Yes
Max Panel Thickness	0.93mm	3.2mm	0.93mm	5.95mm
Standard Part Numbers:	336303-12-XXXX 336303-13-XXXX 336303-14-XXXX	336313-12-XXXX 336313-13-XXXX 336313-14-XXXX	336309-12-XXXX	336319-12-XXXX
Reverse Polarity Part Numbers:	336306-12-XXXX 336306-13-XXXX 336306-14-XXXX	336314-12-XXXX 336314-13-XXXX 336314-14-XXXX	336312-12-XXXX	336320-12-XXXX



# **Ordering Information**

#### **Available Configurations**

Design	Part Number	Configuration	Cable Type
Old SMA to AMC	336303-12-XXXX*	SMA Bulkhead Jack to AMC Plug with O-Ring	1.13mm
	336303-13-XXXX*	SMA Bulkhead Jack to AMC Plug with O-Ring	1.32mm
	336303-14-XXXX*	SMA Bulkhead Jack to AMC Plug with O-Ring	1.37mm
	336306-12-XXXX*	SMA Bulkhead Jack RP to AMC Plug with O-Ring	1.13mm
	336306-13-XXXX*	SMA Bulkhead Jack RP to AMC Plug with O-Ring	1.32mm
	336306-14-XXXX*	SMA Bulkhead Jack RP to AMC Plug with O-Ring	1.37mm
Improved SMA to AMC	336313-12-XXXX*	SMA Bulkhead Jack to AMC Plug	1.13mm
	336313-13-XXXX*	SMA Bulkhead Jack to AMC Plug	1.32mm
	336313-14-XXXX*	SMA Bulkhead Jack to AMC Plug	1.37mm
	336314-12-XXXX*	SMA Bulkhead Jack RP to AMC Plug	1.13mm
	336314-13-XXXX*	SMA Bulkhead Jack RP to AMC Plug	1.32mm
	336314-14-XXXX*	SMA Bulkhead Jack RP to AMC Plug	1.37mm
Old IP67 SMA to AMC	336309-12-XXXX*	SMA Bulkhead Jack, IP67 to AMC Plug	1.13mm
	336312-12-XXXX*	SMA Bulkhead Jack, IP67 RP to AMC Plug	1.13mm
Improved IP67 SMA to AMC		SMA Bulkhead Jack, IP67 to AMC Plug, Extended	
	336319-12-XXXX*	Mating Face	1.13mm
	336320-12-XXXX*	SMA Bulkhead Jack, IP67 RP to AMC Plug, Extended Mating Face	1.13mm

#### **Available Lengths**

<b>Length Code</b>	Length in mm
0050	50
0100	100
0150	150
0200	200
0250	250
0300	300



<sup>\*</sup>XXXX denotes length code, see Available Lengths Table for details



### **Applications**

- WLAN
- M2M Communications
- External Antenna Connection
- Common uses for IP67 parts are industrial process control, test and measurement machinery, mining equipment, and outdoor communication equipment.

#### Resources

- Website Links:
  - All SMA to AMC Assemblies
    - Improved SMA to AMC Assemblies
      - Standard Polarity
      - Reverse Polarity
    - Improved IP-67 SMA to AMC Assemblies
      - Standard Polarity
      - Reverse Polarity