

New and Improved SMA to AMC Fixed Length Cable Assemblies

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Cable Assemblies & Adapters

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

Old Version



New Economical Version



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

Old Version



New Version



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	336319-12-XXXX*	SMA Bulkhead Jack, IP67 to AMC Plug, Extended Mating Face	1.13mm
	336320-12-XXXX*	SMA Bulkhead Jack, IP67 RP to AMC Plug, Extended Mating Face	1.13mm

*XXXX denotes length code, see Available Lengths Table for details

Available Lengths

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



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](#)