

A-CRF-RFRM Series

Wireless antenna cables with RP-SMA (male) to RP-SMA (female) connectors



Features and Benefits

- Compact, lightweight design
- 0.6 m, 1.5 m, 3 m, 5 m options available
- Straight mount or magnetic base mount

Introduction

The A-CRF-RFRM Series is a set of cable accessories with RP-SMA (male) to RP-SMA (female) connectors and magnetic base mount options for placement on metal surfaces.

Specifications

Antenna Characteristics

Impedance	50±3 ohms
Connector	SMA Jack (Female) / SMA Plug (Male)
V.S.W.R.	A-CRF-RFRM-J1-60: ≤ 1.1 @ 2.4 to 2.5 GHz ≤ 1.2 @ 5 to 6 GHz ≤ 1.3 @ DC to 18 GHz A-CRF-RFRM-R4-150 A-CRF-RFRM-C2-300 A-CRF-RFRM-C2-500: ≤ 2.0 @ 100 MHz to 3 GHz ≤ 2.5 @ 4000 MHz to 5 GHz

Physical Characteristics

Cable	A-CRF-RFRM-J1-60: JSF-141 A-CRF-RFRM-R4-150: RG-174 A-CRF-RFRM-C2-300: CFD-200 A-CRF-RFRM-C2-500: CFD-200
Cable Length	A-CRF-RFRM-J1-60: 0.6 m A-CRF-RFRM-R4-150: 1.5 m A-CRF-RFRM-C2-300: 3 m A-CRF-RFRM-C2-500: 5 m
Weight	A-CRF-RFRM-J1-60: 42 g (0.09 lb) A-CRF-RFRM-R4-150: 118 g (0.26 lb) A-CRF-RFRM-C2-300: 135 g (0.30 lb) A-CRF-RFRM-C2-500: 155 g (0.34 lb)
Dimensions	A-CRF-RFRM-R4-150: Height: 40.5 mm (including base)

Radome Color	A-CRF-RFRM-J1-60: Blue A-CRF-RFRM-R4-150: Black A-CRF-RFRM-C2-300: Black A-CRF-RFRM-C2-500: Black
Radome Material	Plastic
Installation	A-CRF-RFRM-J1-60: N/A A-CRF-RFRM-R4-150: Magnetic mount A-CRF-RFRM-C2-300: N/A A-CRF-RFRM-C2-500: N/A

Environmental Limits	
Operating Temperature	-40 to 85°C (-40 to 185°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)

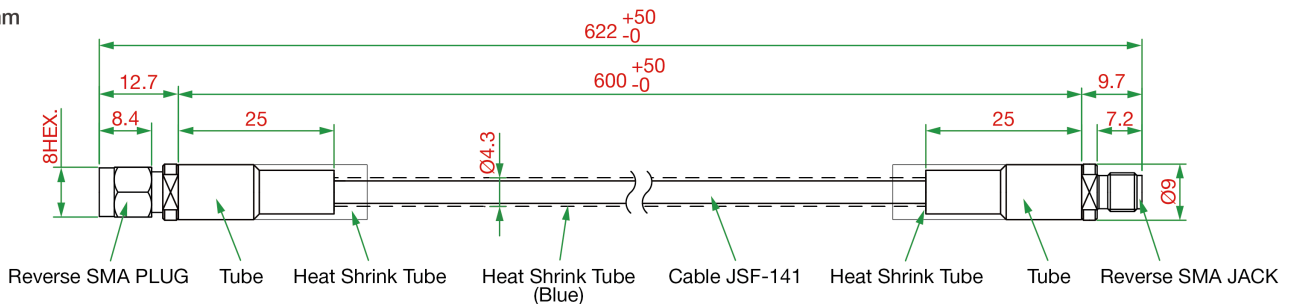
Warranty	
Warranty Period	1 year
Details	See www.moxa.com/warranty

Package Contents	
Device	1 x A-CRF-RFRM Series wireless antenna cable

Dimensions

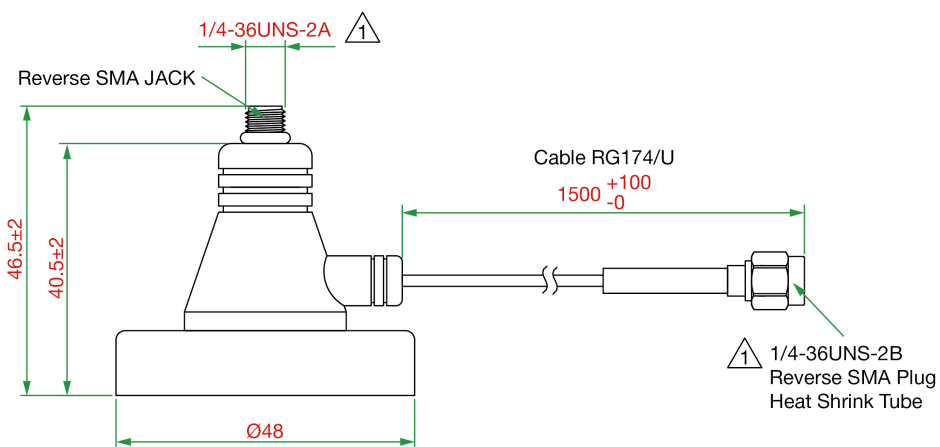
A-CRF-RFRM-J1-60

Unit: mm



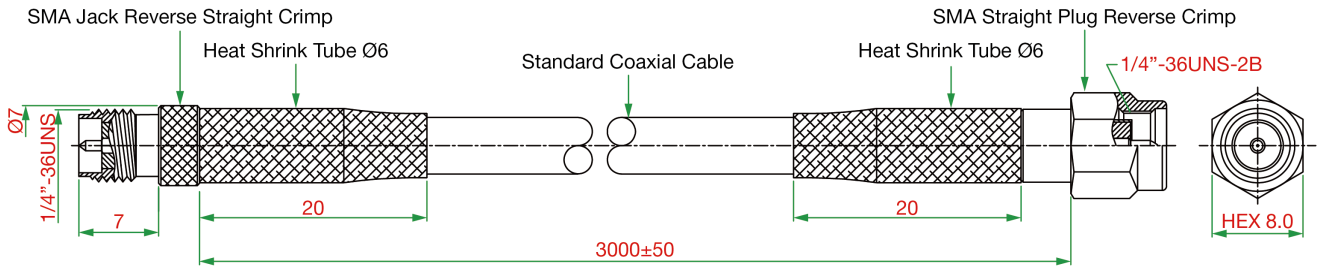
A-CRF-RFRM-R4-150

Unit: mm



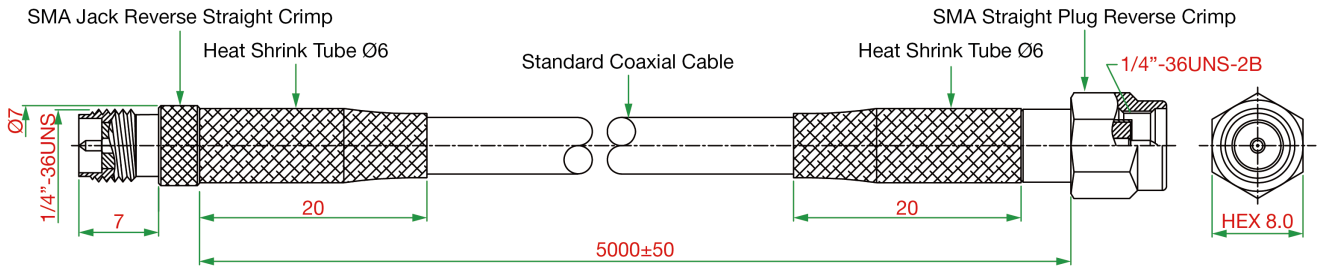
A-CRF-RFRM-C2-300

Unit: mm



A-CRF-RFRM-C2-500

Unit: mm



Ordering Information

Model Name	Cable Type	Connector Type	Cable Length
A-CRF-RFRM-J1-60	JSF-141	RP-SMA (male) to RP-SMA (female)	0.6 m
A-CRF-RFRM-R4-150	RG-174	RP-SMA (male) to RP-SMA (female)	1.5 m
A-CRF-RFRM-C2-300	CFD-200	RP-SMA (male) to RP-SMA (female)	3 m
A-CRF-RFRM-C2-500	CFD-200	RP-SMA (male) to RP-SMA (female)	5 m

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