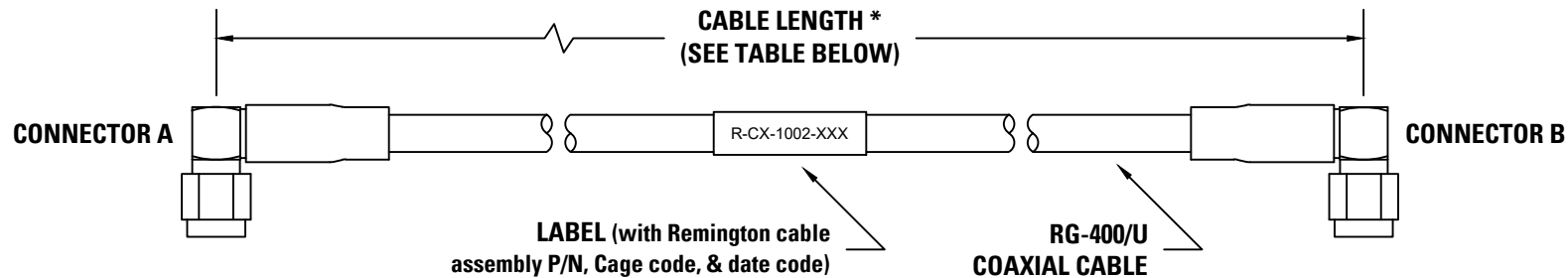


This RG-400, SMA (Male Right Angle) to SMA (Male Right Angle) coax cable assembly by Remington Industries is built for high frequency, 50 Ω impedance signal transmission applications requiring high temperature resistance and excellent shielding. However, its overall superb characteristics make it ideal for many military & civil radio frequency (RF) operations including telecommunications, WiFi/network antennas, microwave systems, and ham/CB/other radio setups, as well as any other signal transfer applications in fields such as aerospace, scientific, and medical.

Attached to each end of the assembly is a male SMA right-angle style plug with a passivated stainless steel body and a gold-plated contact. The coaxial cable in between is RG-400 type, which boasts a double shield for minimal interference and a tan FEP jacket for additional physical protection.

- 100% Tested for continuity and a dielectric withstanding voltage of 1500 V<sub>RMS</sub>
- See below for cable & connector details
- RoHS compliant



COAXIAL CABLE	
Type	RG-400/U
Jacket	Tan FEP, Type IX per MIL-C-17
Bend Radius	1.0" [25.40 mm]
Overall Diameter	0.195" [4.95 mm]

CONNECTOR A	
Type	SubMiniature version A (SMA)
Gender	Male (Plug)
Style	Right angle (90°)
Contact Material	Gold-plated beryllium copper
Body Material	Passivated stainless steel
Mating Cycles	100

CONNECTOR B	
Type	SubMiniature version A (SMA)
Gender	Male (Plug)
Style	Right angle (90°)
Contact Material	Gold-plated beryllium copper
Body Material	Passivated stainless steel
Mating Cycles	100

PART NUMBER	CABLE LENGTH
R-CX-1002-12	1 ft [0.30 m]
R-CX-1002-24	2 ft [0.61 m]
R-CX-1002-36	3 ft [0.91 m]
R-CX-1002-48	4 ft [1.22 m]
R-CX-1002-60	5 ft [1.52 m]
R-CX-1002-72	6 ft [1.83 m]
R-CX-1002-96	8 ft [2.44 m]

PART NUMBER	CABLE LENGTH
R-CX-1002-120	10 ft [3.05 m]
R-CX-1002-144	12 ft [3.66 m]
R-CX-1002-180	15 ft [4.57 m]
R-CX-1002-240	20 ft [6.10 m]
R-CX-1002-300	25 ft [7.62 m]
R-CX-1002-600	50 ft [15.24 m]
* From pin tip to pin tip	

GENERAL SPECIFICATIONS	
Impedance	50 Ω Nominal
Operating Frequency	12.4 GHz Maximum
Voltage Rating	500 V Maximum
Temperature Rating	-55°C (-67°F) to 165°C (329°F)

## R-CX-1002-XXX

SMA R/A (M) to SMA R/A (M)  
RG-400 Coax Cable Assembly  
**Data Sheet**

### Remington Industries is proud to offer our Custom Wire Services

Our exclusive inventory of in-stock wire and ability to procure wire of all kinds makes us the perfect partner for wire purchasing and custom wire services. We are proud to provide essential, high quality wire for engineering projects, educational science projects, coil winding, and electronics applications.

- Some of our many wire services include the following:
- Wire Re-Packaging
  - Bifilar & Trifilar Windings
  - Wire Processing
  - Coil Winding
  - Wire Procurement Services

If you have any questions or need any information about our [Wire Services](#), feel free to contact us! It only takes one call to get experienced assistance.

**Contact us by phone:**  
(815) 385-1987

**Contact us by email:**  
[sales@remingtonindustries.com](mailto:sales@remingtonindustries.com)

DATE | ISS. | REVISION | BY

Drawn by: AG 5/21/20  
Drawing rev.: --



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