R-CX-1001 DATA SHEET - REMINGTON INDUSTRIES

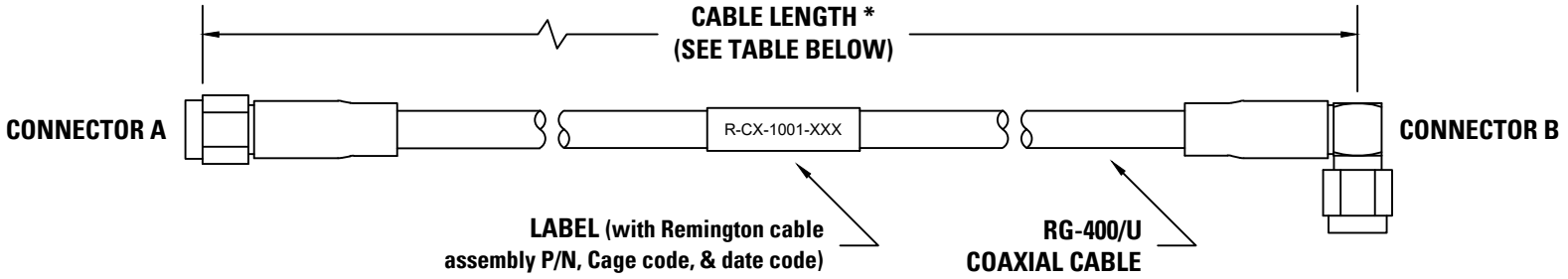
# R-CX-1001-XXX

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

This RG-400, SMA (Male) 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 one end of the assembly is a male SMA plug with a passivated stainless steel body and a gold-plated contact. At the other end 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 $V_{RMS}$
- 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 | Straight |
| 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-1001-12 | 1 ft [0.30 m] |
| R-CX-1001-24 | 2 ft [0.61 m] |
| R-CX-1001-36 | 3 ft [0.91 m] |
| R-CX-1001-48 | 4 ft [1.22 m] |
| R-CX-1001-60 | 5 ft [1.52 m] |
| R-CX-1001-72 | 6 ft [1.83 m] |
| R-CX-1001-96 | 8 ft [2.44 m] |

| PART NUMBER | CABLE LENGTH |
|---|---|
| R-CX-1001-120 | 10 ft [3.05 m] |
| R-CX-1001-144 | 12 ft [3.66 m] |
| R-CX-1001-180 | 15 ft [4.57 m] |
| R-CX-1001-240 | 20 ft [6.10 m] |
| R-CX-1001-300 | 25 ft [7.62 m] |
| R-CX-1001-600 | 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) |

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