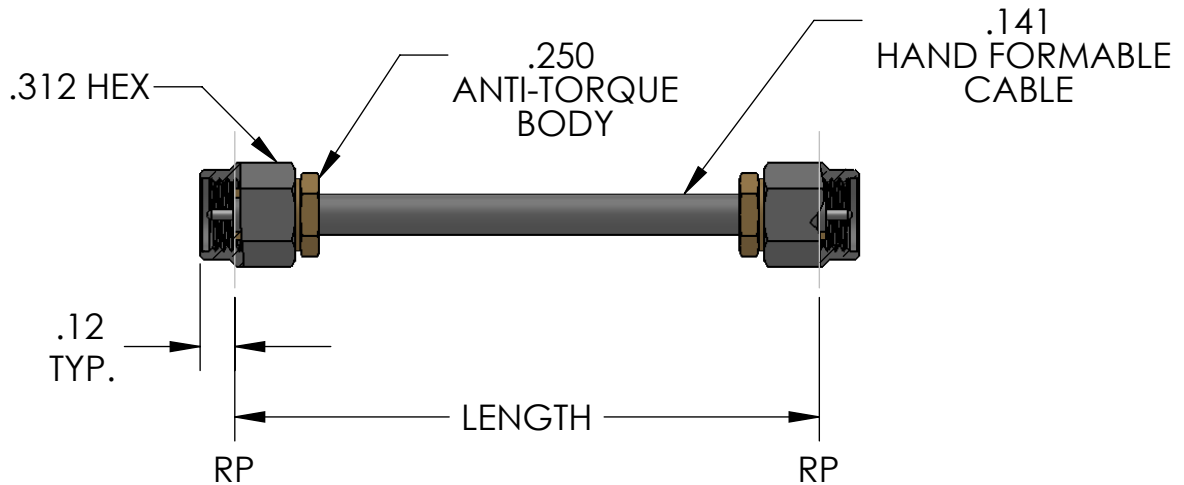


HAND FORMABLE CABLE ASSEMBLIES

"TIN DIPPED SOLDER BRAID"
SMA PLUG TO SMA PLUG
 HAND FORMABLE CABLE



| | | |
|------------------------|------------------------------|--------------|
| LENGTH INFORMATION: | LENGTH TOLERANCE (IN INCHES) | 2-5.9 ±0.050 |
| PART NUMBER EXAMPLE: | XX.X = LENGTH IN INCHES | 6-12 ±0.100 |
| 12 INCH CABLE ASSEMBLY | AM12-CC141-AM12-12.0 | 12-24 ±0.150 |

ELECTRICAL PERFORMANCE

| | |
|-------------------------|------------------|
| NOMINAL IMPEDANCE | 50Ω |
| FREQUENCY | DC-20GHz |
| ASSEMBLY VSWR | 1.35:1 @ 18GHz |
| ASSEMBLY INSERTION LOSS | 0.29dB/FT*(√GHz) |
| INSULATION RESISTANCE | 1000 MEGOHMS |
| DWV | 1000 VOLTS MIN. |

MECHANICAL CHARACTERISTICS

| | |
|--------------------|-------------------|
| MAX CABLE DIAMETER | .090 INCH |
| MIN BEND RADIUS | 0.125 INCH |
| CABLE RETENTION | 30 Lbs MIN. |
| OPERATING RANGE | -55/125° C |
| MATING TORQUE | 8 INCH Lbs NOM. |
| INTERFACE | MIL-STD 348 310.1 |

MATERIALS SPECIFICATIONS

| | |
|------------------------|---|
| CABLE OUTER CONDUCTOR | COPPER BRAID, TIN DIPPED |
| CABLE DIELECTRIC | SOLID PTFE |
| CABLE CENTER CONDUCTOR | SPCW |
| CONNECTOR BODY | BRASS WITH GOLD PLATE OVER NICKEL PLATE |
| COUPLING NUT | 303 STAINLESS STEEL, PASSIVATED |
| INSULATORS | SOLID PTFE |
| CONTACTS | CABLE CENTER CONDUCTOR |
| GASKETS | SILICONE RUBBER |
| MARKERS AS REQUIRED | POLYOLEFIN HEAT SHRINK STD. |

MADE IN THE U.S.A. 

DWG. **AM12-CC141-AM12-XX.X**

REV. A

KOAXIS, Inc.
 Coaxial Cable Assemblies and Connectors