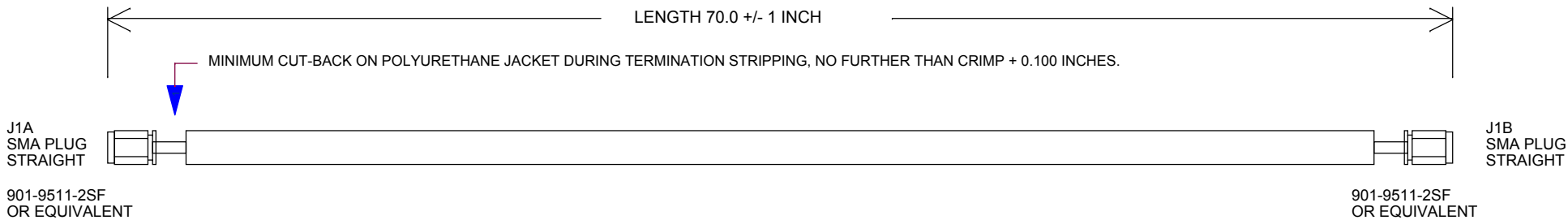


STEP 1 - RAW CABLE STOCK



STEP 2 - INSULATED WIRE CONNECTORIZATION AND TEST

NOTE - ASSEMBLY STEPS:

1. PURCHASE INSULATED WIRE CABLE PN 1601. SHIP TO FALMAT CABLE AND HAVE OVER-MOLDED WITH BLACK POLYURETHANE TO 0.293 OUTSIDE DIAMETER.
2. SHIP OVERMOLDED CABLE TO INSULATED WIRE INC., BETHEL, CT. CABLE ASSEMBLIES FABRICATED WITH SMA CONNECTORS AT EACH END. TERMINATED CABLE VSWR TO TEST < 1.25:1 DC - 3GHZ.

REVISION HISTORY:
A - 20SEP17 - LRAUV5 ORGINAL RELEASE.
B - 11DEC17 - DETAILED FABRICATION STEPS AND CHANGED CONNECTOR BRAND. MRC.

SEE DRAWING 100221160-05.1 FOR COMPLETED ANTENNA CABLE ASSEMBLY.

ASSEMBLY FABRICATION VENDORS

COAX CORE CABLE:
Insulated Wire Inc.
960 Sylvan Avenue
Bayport, NY, 11705, US
Tel. 631-472-4070
Fax. 631-472-4071
E-mail: nysales@insulatedwire.com

CABLE OVERMOLDING:
FALMAT WIRE / Ocean Innovations
7416 Cabrillo Ave
La Jolla, CA 92037 USA
Phone: (858) 454-4044

COAX CABLE TERMINATION:
IW Microwave Products Division
2C Parklawn Drive
Bethel, CT, 06801, US
Tel. 203-791-1999
Fax. 203-748-5217
E-mail: info@iw-microwave.com

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LRAUV ANTENNA WET COAX CABLE FABRICATION

Size C	Engineer: Mark Chaffey EMAIL: chma@mbari.org Date: Wednesday, December 13, 2017	Number 100221160-05-B Filename	Rev B Sheet 1 of 1
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