

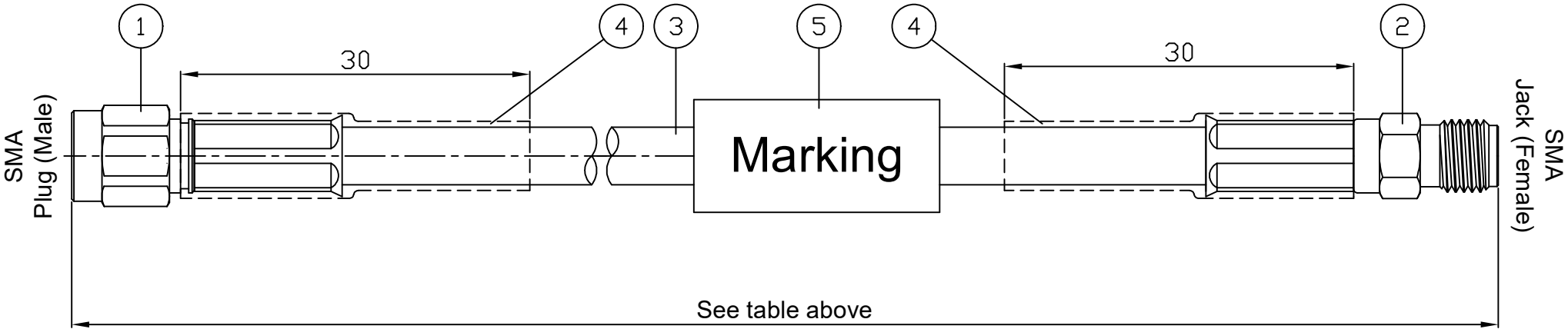
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1C50-RG142-A2C50-2000A/8G		2000
Frequency	VSWR Max.	Insertion Loss Max.
8 GHz	1.25	$\leq 0.00145 \text{ (dB/mm)} * L \text{ (mm)} + 0.16 * \sqrt{f \text{ (dB)}}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	OCT/4/2024	



CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- TEST AND MEASUREMENT 100%, DC- 8 GHz VSWR X.XX, INSERTION LOSS: XXXX dB (SEE TABLE)
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 8 GHz
A1C50-RG142-A2C50-2000A/8G
WWYY-SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300$

5	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D8-125C	2X 30	mm
3	CABLE	RG-142B/U Cable	2000	mm
2	SMA CRIMP JACK	SMA2C50-G142A/94	1	EA
1	SMA CRIMP PLUG	SMA1C50-G142A/111	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]

TOLERANCES

DECIMALS
.X ± 6.35 [.250"]
.XX ± 3.18 [.125"]
.XXX ± 1.52 [.060"]
DEGREES
X° $\pm 1^\circ$

REV

-

UNIT

mm [inch]

APPROVED

DATE

DRAWN

DATE

ROSNOL

RF/Microwave Technology
www.rosnol.com
info@rosnol.com
N-CAGE Code: SFKK0



TITLE

SMA Plug (Male) to SMA Jack (Female)
2 Meter Cable Assembly for RG-142B/U Cable

DRAWING NO.

A1C50-RG142-A2C50-2000A/8G