

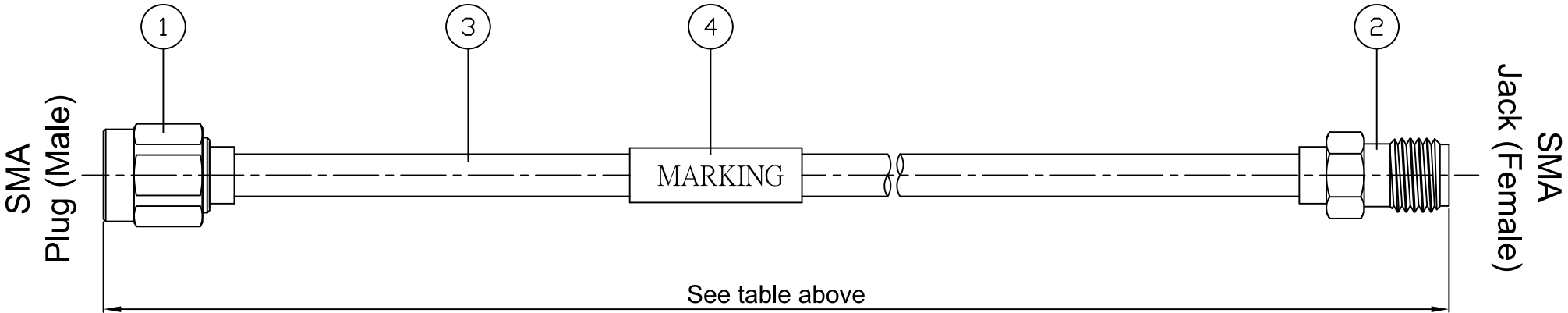
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1E50-RSR141-A2E50-230A /18G		230
A1E50-RSR141-A2E50-330A /18G		330
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.2	$\leq 0.00195 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f \text{ (dB)}}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	APR/23/2025	



CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
A1E50-RSR141-A2E50-XXX/18G
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

4	LABEL HEAT SHRINK TUBE	HST-W-D4-125C	1	EA	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
3	CABLE	ROSNOL RSR141	See table above	mm	TOLERANCES DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"] DEGREES X° ± 1°	mm [inch]		
2	SMA SOLDER JACK	SMA2E50-0141A/93	1	EA		APPROVED DATE		
1	SMA SOLDER PLUG	SMA1E50-0141A/933	1	EA		DRAWN DATE		
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

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

TITLE
SMA Plug (Male) to SMA Jack (Female)
XXX Meter Cable Assembly for RSR141 Cable

DRAWING NO.
A1E50-RSR141-A2E50-XXX/18G