

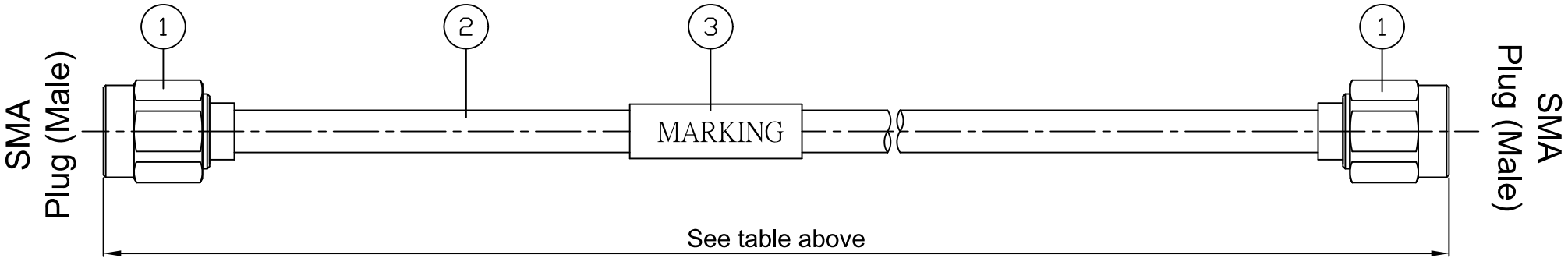
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1E50-RSR141-A1E50-130A /18G		130
A1E50-RSR141-A1E50-175A /18G		175
A1E50-RSR141-A1E50-230A /18G		230
A1E50-RSR141-A1E50-330A /18G		330
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.2	$\leq 0.00195 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	FEB/7/2025	



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
A1E50-RSR141-A1E50-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 $L > 300 \text{ mm}$

CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

3	LABEL HEAT SHRINK TUBE	HST-W-D4-125C	1	EA
2	CABLE	ROSNOL RSR141	See table above	mm
1	SMA SOLDER PLUG	SMA1E50-0141A/933	2	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
TOLERANCES		—	mm [inch]
	APPROVED	DATE	
	DRAWN	DATE	

ROSNOL 

RF/Microwave Technology
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N-CAGE Code: SFKK0

TITLE

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

DRAWING NO.

A1E50-RSR141-A1E50-XXX/18G