

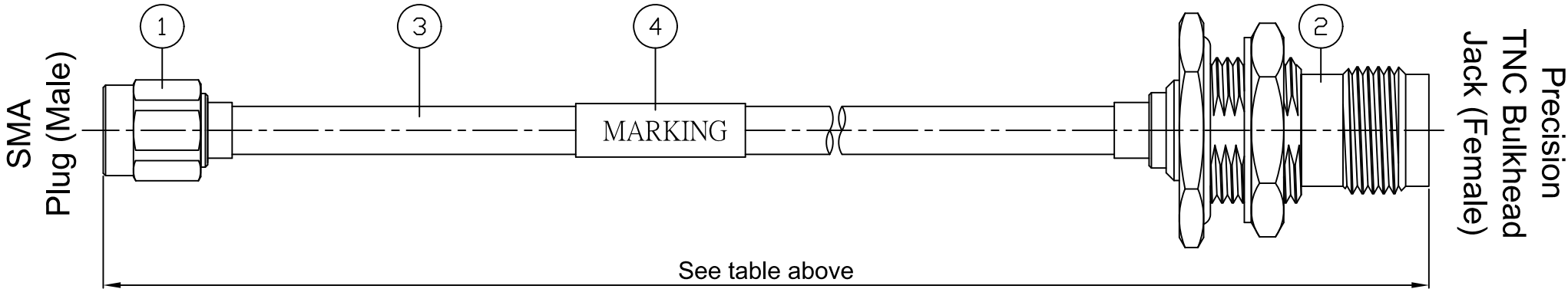
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1E50-RSR141-PCT2EA50-125 A/18G		125
A1E50-RSR141-PCT2EA50-175 A/18G		175
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.25	$\leq 0.00195 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION

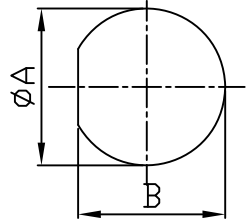
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	FEB/7/2025	



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
A1E50-RSR141-PCT2EA50-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 $L > 300 \text{ mm}$

Mounting Dimension



	mm		inch	
	Max.	Min.	Max.	Min.
A	12.8	12.7	.504	.50
B	12.1	12	.476	.472

CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

ROSNOL

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



TITLE

SMA Plug (Male) to Precision TNC Bulkhead Jack (Female)
XXX Meter Cable Assembly for RSR141 Cable

DRAWING NO.

A1E50-RSR141-PCT2EA50-XXX/18G

4	LABEL HEAT SHRINK TUBE	HST-W-D4-125C	1	EA
3	CABLE	ROSNOL RSR141	See table above	mm
2	PRECISION TNC BULKHEAD SOLDER JACK	PCT2EA50-0141A/93	1	EA
1	SMA SOLDER PLUG	SMA1E50-0141A/933	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° $\pm 1^\circ$

CUSTOMER

REV

-

UNIT

mm [inch]

APPROVED

DATE

DRAWN

DATE