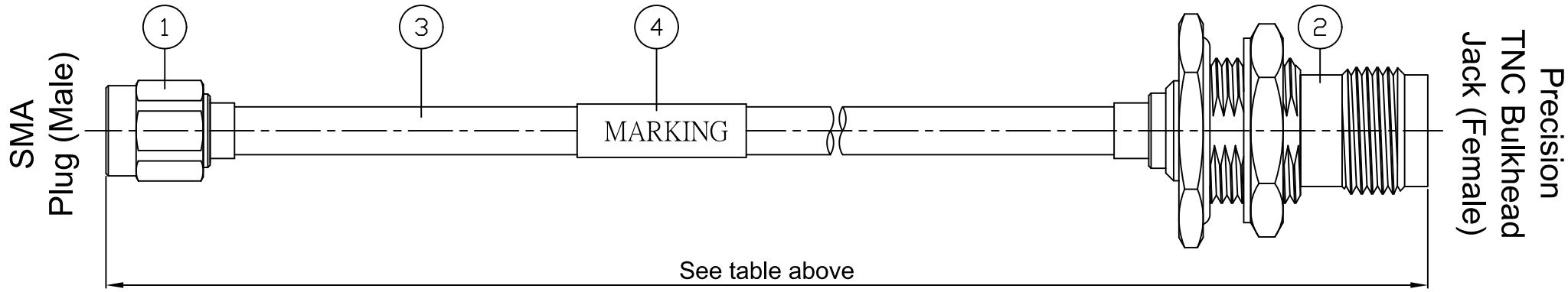
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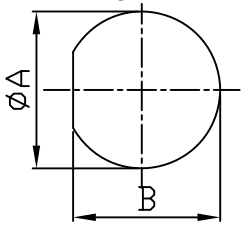
SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
–	INITIAL RELEASE	FEB/7/2025	

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	≤ 0.00195 (dB/mm) * L (mm) + 0.15* √f



Mounting Dimension



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

NOTES:
1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
   ROSNOL DC- 18 GHz
   A1E50-RSR141-PCT2EA50-XXX/18G
   WW/YY SERIAL NUMBER
3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
   ±3 mm FOR L<=300mm ; ±1% FOR L >300mm

CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

NO.	DESCRIPTION	PARTS NO.	QTY.	U/M
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

DIMENSION ARE IN MM [INCH]

TOLERANCES

DECIMALS
.X ± 6.35 [.250"]
.XX ± 3.18 [.125"]
.XXX ± 1.52 [.060"]
DEGREES
X° ± 1°

CUSTOMER | 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 Precision TNC Bulkhead Jack (Female) XXX Meter Cable Assembly for RSR141 Cable

DRAWING NO.
A1E50-RSR141-PCT2EA50-XXX/18G