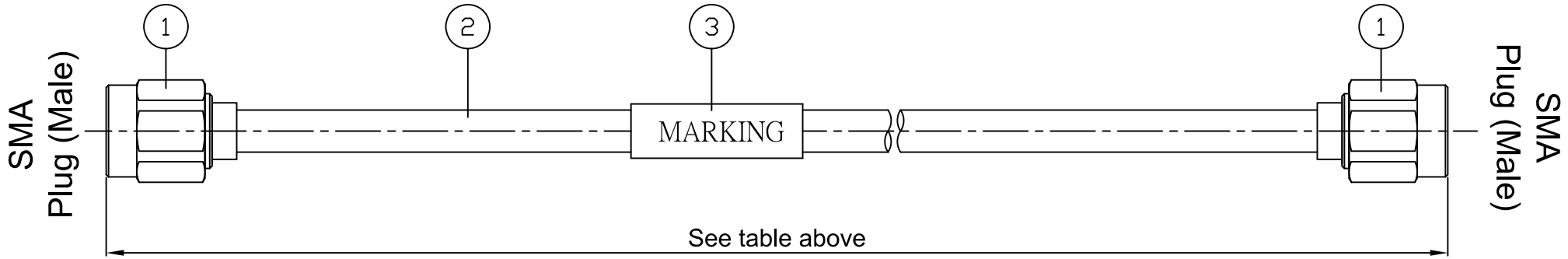
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SPECIFICATION CONTROL DRAWING

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

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



NOTES:
1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
   ROSNOL DC- 18 GHz
   A1E50-RSR141-A1E50-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
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

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

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