

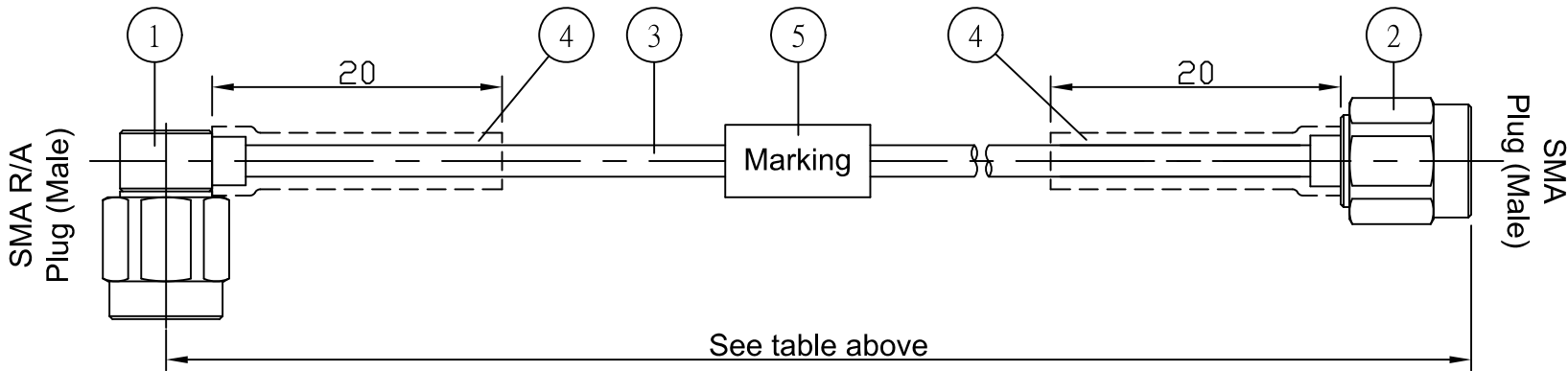
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1E59-RSF085-A1E50-90CA/20G		90
Frequency	VSWR Max.	Insertion Loss Max. (dB)
20 GHz	1.35	$\leq 0.004052 \text{ (dB/mm)} * L \text{ (mm)} + 0.6$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAY/15/2025	



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- 20 GHz
A1E59-RSF085-A1E50-90CA/20G
WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$
- Workmanship: IPC Class 3

5	LABEL HEAT SHRINK TUBE	HST-W-D5-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D5-125C	2X 20	mm
3	CABLE	ROSNOL RSF085 Cable	90	mm
2	SMA SOLDER PLUG	SMA1E50-0085A/91X	1	EA
1	SMA R/A SOLDER PLUG	SMA1E59-0085B/111	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]		CUSTOMER	REV	UNIT
TOLERANCES			-	mm [inch]
DECIMALS		APPROVED		
.X ± 6.35 [.250"]		DATE		
.XX ± 3.18 [.125"]		DRAWN		
.XXX ± 1.52 [.060"]		DATE		
DEGREES				
X° $\pm 1^\circ$				

ROSNOL

RF/Microwave Technology
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N-CAGE Code: SFKK0

TITLE
SMA R/A Plug (Male) to SMA Plug (Male)
0.09 Meter Cable Assembly for RSF085 Cable

DRAWING NO.
A1E59-RSF085-A1E50-90CA/20G