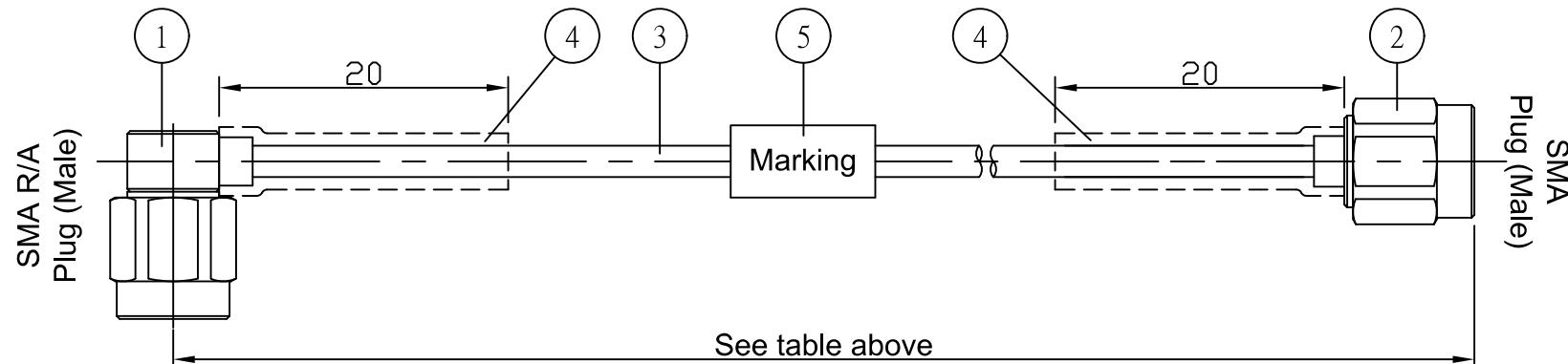


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Rosnol P/N	Length (mm)	
A1E59-RSF085-A1E50-90CA/20G	90	
Frequency	VSWR Max.	Insertion Loss Max. (dB)
20 GHz	1.35	$\leq 0.004052 \text{ (dB/mm)} * L \text{ (mm)} + 0.6$

## 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:

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

### NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 20 GHz  
A1E59-RSF085-A1E50-90CA/20G  
WW/YY - SERIAL NUMBER
- 3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  
 $\pm 3 \text{ mm}$  FOR  $L \leq 300 \text{ mm}$  ;  $\pm 1\%$  FOR  $L > 300 \text{ mm}$
- 4) Workmanship: IPC Class 3

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

**ROSNOL**   
RF/Microwave Technology  
www.rosnol.com  
info@rosnol.com  
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