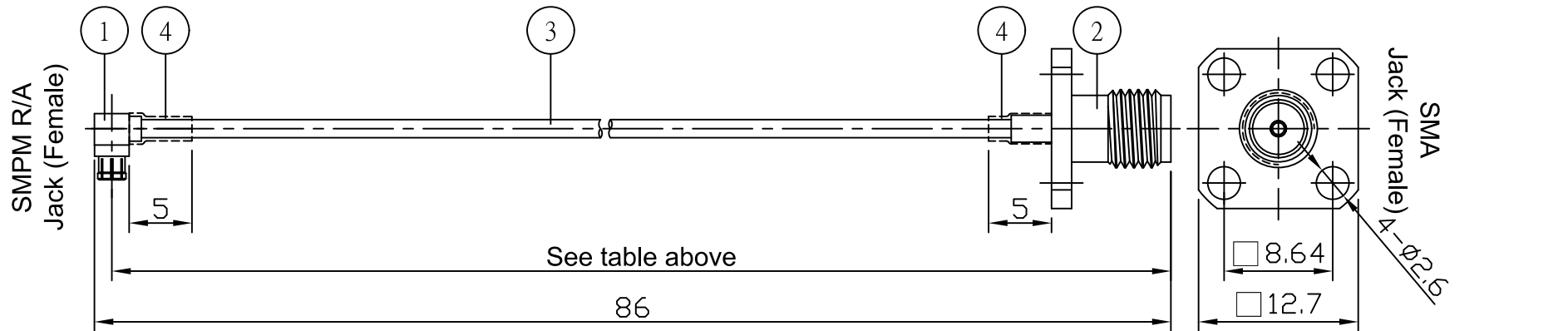


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

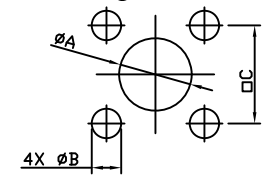
# SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	DEC/04/2025	

Rosnol P/N		Length (mm)
PM2E59-RSF047FEP-A2EBF50-84.6CA/18G		84.6
Frequency	VSWR Max.	Insertion Loss Max. (dB)
18 GHz	1.5	$\leq 0.00633 \text{ (dB/mm)} * L \text{ (mm)} + 0.18 * \sqrt{f}$



Mounting Dimension



	mm		inch	
	Max.	Min.	Max.	Min.
A	6.6	6.5	.260	.256
B	2.7	2.6	.106	.102
C	8.69	8.59	.342	.338

## CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

### NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :  $\pm 3 \text{ mm FOR } L \leq 300 \text{ mm} ; \pm 1\% \text{ FOR } L > 300 \text{ mm}$

NO.	DESCRIPTION	PARTS NO.	QTY.	U/M	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
4	HEAT SHRINK TUBE	HST-B-D2-125C	2 X 5	mm	TOLERANCES DECIMALS .X $\pm 6.35$ [.250"] .XX $\pm 3.18$ [.125"] .XXX $\pm 1.52$ [.060"] DEGREES X° $\pm 1^\circ$	-	-	mm [inch]
3	CABLE	ROSNOL RSF-047-FEP Cable	84.6	mm		APPROVED	DATE	
2	SMA Solder Jack 4 Hole Flange Mount	SMA2EBF50-0047A/91	1	EA		DRAWN	DATE	
1	SMPM R/A Solder Jack	SMPM2E59-0047A/99	1	EA				

**ROSNOL** 

RF/Microwave Technology  
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 N-CAGE Code: SFKK0

TITLE SMPM R/A Jack (Female) to SMA Jack (Female) 4 Hole Flange Mount .0846 Meter Cable Assembly for RSF-047-FEP Cable

DRAWING NO. PM2E59-RSF047FEP-A2EBF50-84.6CA/18G