

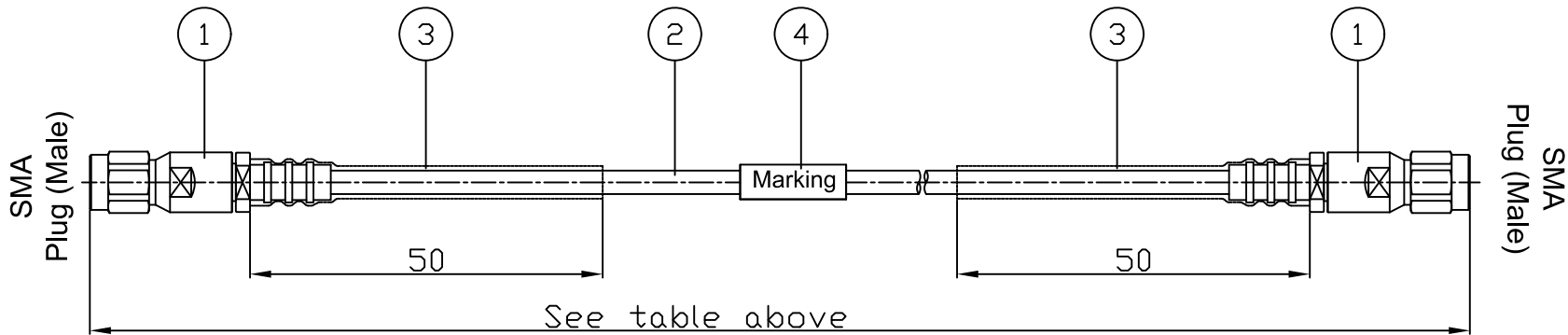
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1K50-MP320A-PM-A1K50-1000 A/18G		1000
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.25	$\leq 0.00217 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 * \sqrt{f} \text{ (dB)}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	SEP/26/2024	



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- TEST AND MEASUREMENT 100%, DC-18 GHz VSWR X.XX, INSERTION LOSS: XXXX dB (SEE TABLE)
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC-18 GHz
A1K50-MP320A-PM-A1K50-1000A/18G
WWYY-SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES : $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$;
 $\pm 1\%$ FOR $L > 300$
- Phase Matching: $\pm 2.5 \text{ degree@ } 5 \text{ GHz}$

CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:

4	LABEL HEAT SHRINK TUBE	HST-W-D4-125C	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]
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm		APPROVED DATE		
2	CABLE	ROSNOL MP320A Cable	1000	mm		DRAWN DATE		
1	SMA SOLDER CLAMP PLUG	A1K50-0320A/9XX	2	EA				
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M				

ROSNOL

RF/Microwave Technology
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N-CAGE Code: SFKK0

TITLE
SMA Plug (Male) to SMA Plug (Male)
1 Meter Cable Assembly for MP320A Cable

DRAWING NO.
A1K50-MP320A-PM-A1K50-1000A/18G