

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	FEB/18/2025	

Rosnol P/N	Length (mm)	Frequency	VSWR Max.	Insertion Loss Max.
A1K50-MP533A-A1K50-250A/18G	250	18 GHz	1.25	$\leq 0.00118 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f} \text{ (dB)}$

A1K50-MP533A-A1K50-500A/18G	500
A1K50-MP533A-A1K50-750A/18G	750
A1K50-MP533A-A1K50-1000A/18G	1000
A1K50-MP533A-A1K50-1250A/18G	1250
A1K50-MP533A-A1K50-1500A/18G	1500
A1K50-MP533A-A1K50-1750A/18G	1750
A1K50-MP533A-A1K50-2000A/18G	2000
A1K50-MP533A-A1K50-2250A/18G	2250
A1K50-MP533A-A1K50-2500A/18G	2500
A1K50-MP533A-A1K50-2750A/18G	2750
A1K50-MP533A-A1K50-3000A/18G	3000
A1K50-MP533A-A1K50-3250A/18G	3250
A1K50-MP533A-A1K50-3500A/18G	3500
A1K50-MP533A-A1K50-3750A/18G	3750
A1K50-MP533A-A1K50-4000A/18G	4000
A1K50-MP533A-A1K50-4250A/18G	4250
A1K50-MP533A-A1K50-4500A/18G	4500

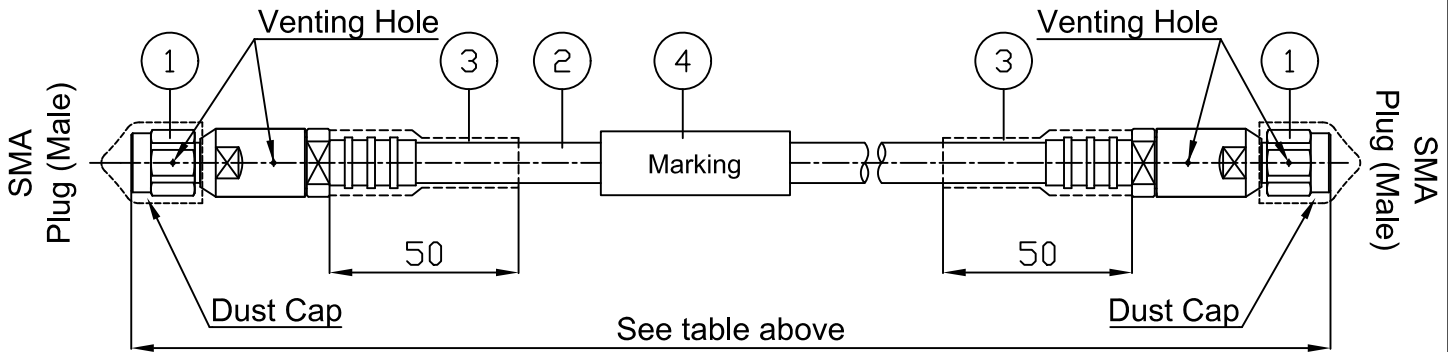
CUSTOMER'S APPROVAL

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- 18 GHz
A1K50-MP533A-A1K50-XXX/18G
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA	DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm	TOLERANCES DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"] DEGREES X° $\pm 1^\circ$	APPROVED	DATE	mm [inch]
2	CABLE	ROSNOL MP533A Cable	See table above	mm		DRAWN	DATE	
1	SMA SOLDER CLAMP PLUG	SMA1K50-MP533A/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)
XXX Meter Cable Assembly for MP533A Cable

DRAWING NO.

A1K50-MP533A-A1K50-XXX/18G