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SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
–	INITIAL RELEASE	FEB/18/2025	

Rosnol P/N	Length (mm)
A1K50-MP533A-A1K50-250A/18G	250
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

Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.25	≤ 0.00118 (dB/mm) * L (mm) + 0.15*√f (dB)

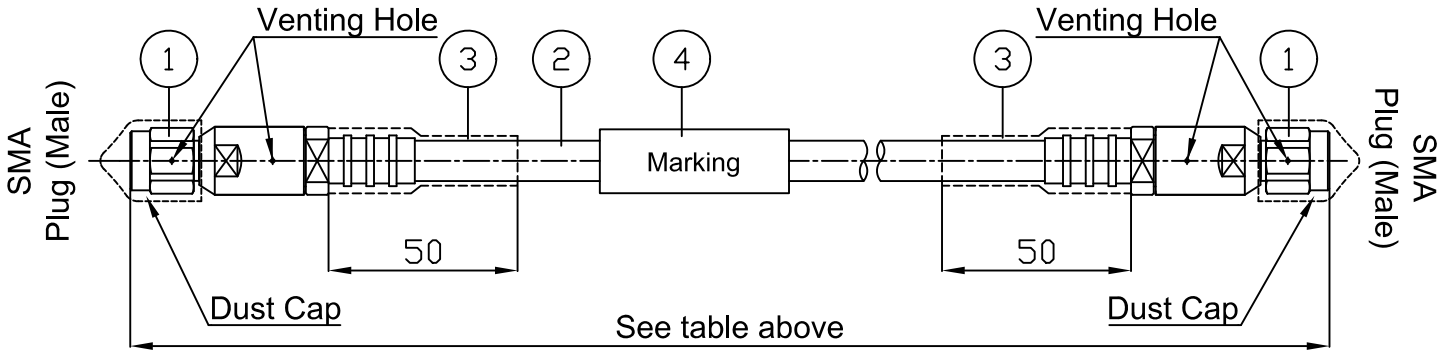
CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:



NOTES:
1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
   ROSNOL DC- 18 GHz
   A1K50-MP533A-A1K50-XXX/18G
   WW/YY SERIAL NUMBER
3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
   ±3 mm FOR L<=300mm ; ±1% FOR L >300mm

NO.	DESCRIPTION	PARTS NO.	QTY.	U/M
4	LABEL HEAT SHRINK TUBE	HST-W-D6-125C	1	EA
3	HEAT SHRINK TUBE	HST-B-D6.4-125C-G	2X 50	mm
2	CABLE	ROSNOL MP533A Cable	See table above	mm
1	SMA SOLDER CLAMP PLUG	SMA1K50-MP533A/9XX	2	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]

APPROVED DATE

DRAWN DATE

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