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Rosnol P/N		Length (mm)
SMA1C50-RG316-SMA2CA50-2100A/6G_IP67		2100
Frequency	VSWR Max.	Insertion Loss Max.
6 GHz	1.3	≤ 0.00274 (dB/mm) * L (mm) + 0.1 (dB)

SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAR/5/2024	

1

4

SMA Plug (Male)

3

5

Marking

4

2

SMA Bulkhead Jack (Female)

See table above

Mounting Dimensions

ØA

B

	mm		inch	
	Max.	Min.	Max.	Min.
A	6.3	6.25	.248	.246
B	6	5.95	.236	.234

NOTES:

1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.

2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:

ROSNOL DC-6 GHz

SMA1C50-RG316A-SMA2CA50-2100A/6G_IP67

3) Waterproof (IP67 Rated) according to IEC 60529-2001

5	LABEL HEAT SHRINK TUBE	HST-W-D6-125C-G	1	EA
4	HEAT SHRINK TUBE	HST-B-D6-125C-G	2X 50	mm
3	CABLE	Rosnol RG316A Cable	XXX	mm
2	SMA BULKHEAD CRIMP JACK	SMA2CA50-G316A/91	1	EA
1	SMA CRIMP PLUG	SMA1C50-G316A/144	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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
APPROVED	-	mm [inch]
DATE		
DATE		

ROSNOL

RF/Microwave Technology

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N-CAGE Code: SFKK0

TITLE

SMA Plug (Male) to SMA Bulkhead Plug (Male)

2.1 Meter Cable Assembly for RG316A Cable

DRAWING NO.

A1C50-RG316A-A2CA50-2100A/6G_IP67