

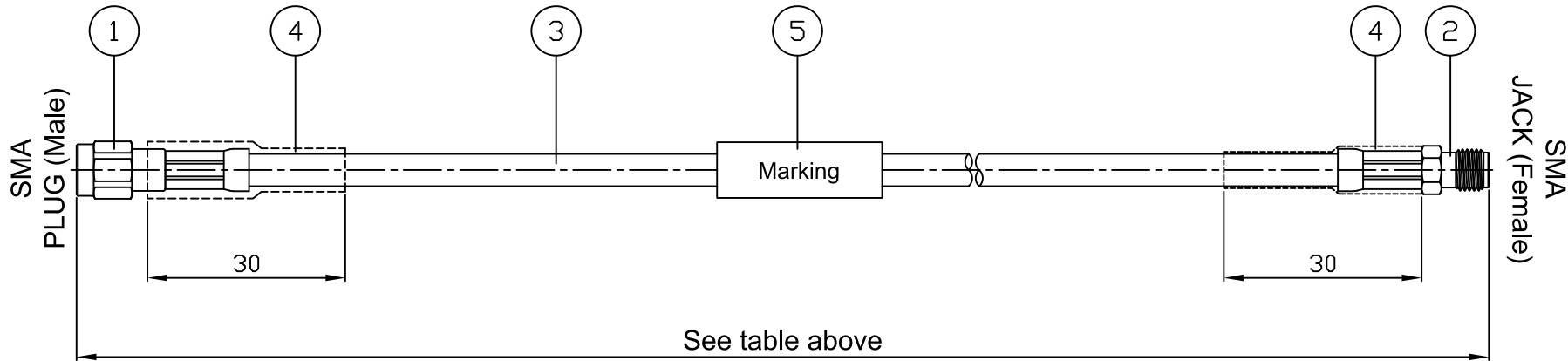
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N		Length (mm)
A1C50-RNL195-A2C50-500A/6G		500
A1C50-RNL195-A2C50-1000A/6G		1000
Frequency	VSWR Max.	Insertion Loss Max.
6 GHz	1.25	$\leq 0.000998 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 * \sqrt{f \text{ (dB)}}$

SPECIFICATION CONTROL DRAWING

REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	NOV/27/2024	



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- 6 GHz
A1C50-RNL195-A2C50-XXX/6G
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm}$ FOR $L \leq 300 \text{ mm}$; $\pm 1\%$ FOR $L > 300 \text{ mm}$

5	LABEL HEAT SHRINK TUBE	HST-W-D8-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D8-125C	2X 30	mm
3	CABLE	ROSNOL RNL195 Cable	See table above	mm
2	SMA CRIMP JACK	SMA2C50-EZR195A/91	1	EA
1	SMA CRIMP PLUG	SMA1C50-EZR195A/144	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]	CUSTOMER	REV	UNIT
TOLERANCES		—	mm [inch]
	APPROVED		
	DATE		
	DRAWN		
	DATE		
DECIMALS			
.X ± 6.35 [.250"]			
.XX ± 3.18 [.125"]			
.XXX ± 1.52 [.060"]			
DEGREES			
X° ± 1°			

ROSNOL

RF/Microwave Technology
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N-CAGE Code: SFKK0



TITLE

SMA Plug (Male) to SMA Jack (Female)
XXX Meter Cable Assembly for RNL195 Cable

DRAWING NO.

A1C50-RNL195-A2C50-XXX/6G