

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)
B1C50-RG316-A1C50-1000A/3G		1000
B1C50-RG316-A1C50-1500A/3G		1500
B1C50-RG316-A1C50-2000A/3G		2000
B1C50-RG316-A1C50-3000A/3G		3000
Frequency	VSWR Max.	Insertion Loss Max. (dB)
3 GHz	1.3	$\leq 0.00165 \text{ (dB/mm)} * L \text{ (mm)} + 0.3 * \sqrt{f}$

## SPECIFICATION CONTROL DRAWING

### CUSTOMER'S APPROVAL

Department or  
company's stamp

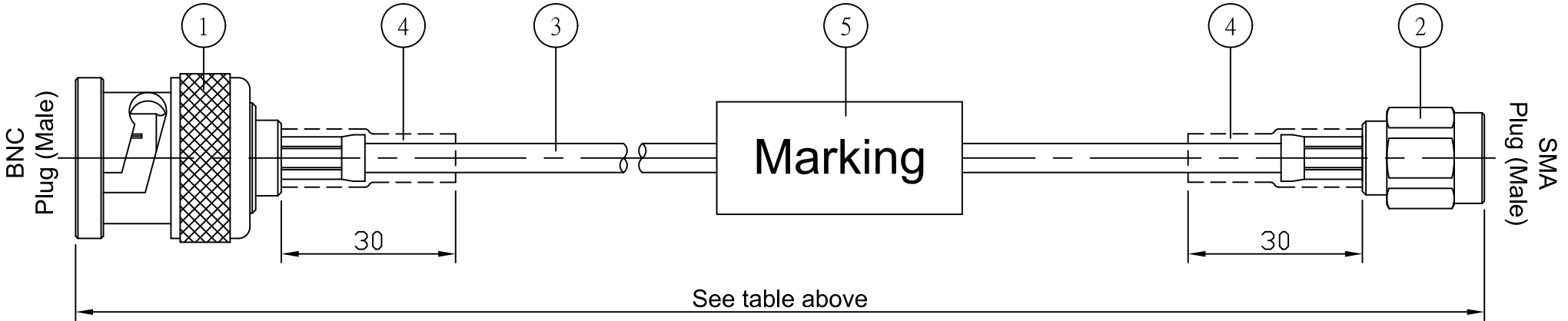
Name:

Date:

Copy and send back to  
ROSNOL CORPORATION BEFORE:

### REVISION

REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAY/27/2025	



#### NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 3 GHz  
B1C50-RG316-A1C50-XXX/3G  
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-D4-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D4-125C	2X 30	mm
3	CABLE	ROSNOL RG-316 Cable	See table above	mm
2	SMA CRIMP PLUG	SMA1C50-G316A/144	1	EA
1	BNC CRIMP PLUG	BNC1C50-G316A/133	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**

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N-CAGE Code: SFKK0

TITLE  
BNC Plug (Male) to SMA Plug (Male)  
XXX Meter Cable Assembly for RG-316 Cable

DRAWING NO.  
B1C50-RG316-A1C50-XXX/3G