

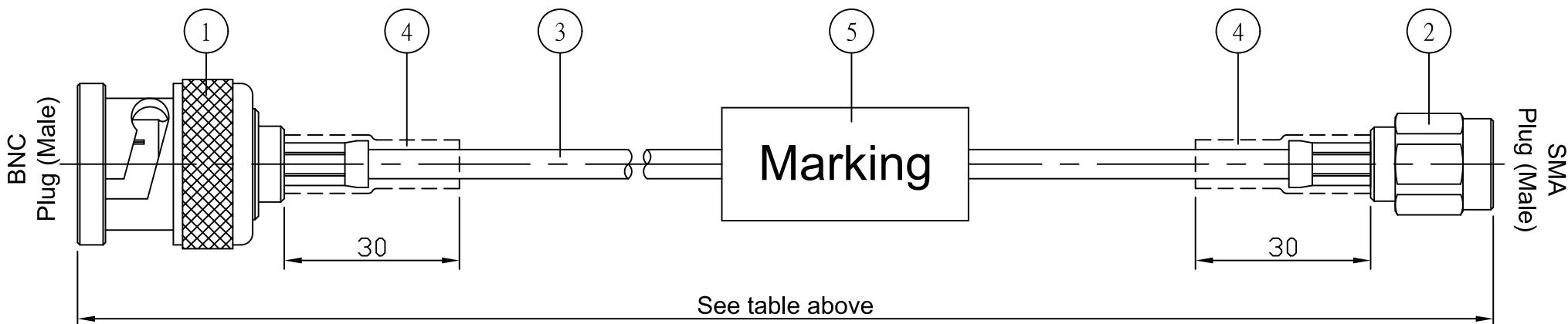
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

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

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

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- 3 GHz
B1C50-RG316-A1C50-XXX/3G
WW/YY - SERIAL NUMBER
- 3) 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 mm [inch]
TOLERANCES			
DECIMALS .X ± 6.35 [.250"] .XX ± 3.18 [.125"] .XXX ± 1.52 [.060"]			
DEGREES X° ± 1°	DRAWN	DATE	

ROSNOL 
RF/Microwave Technology
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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