

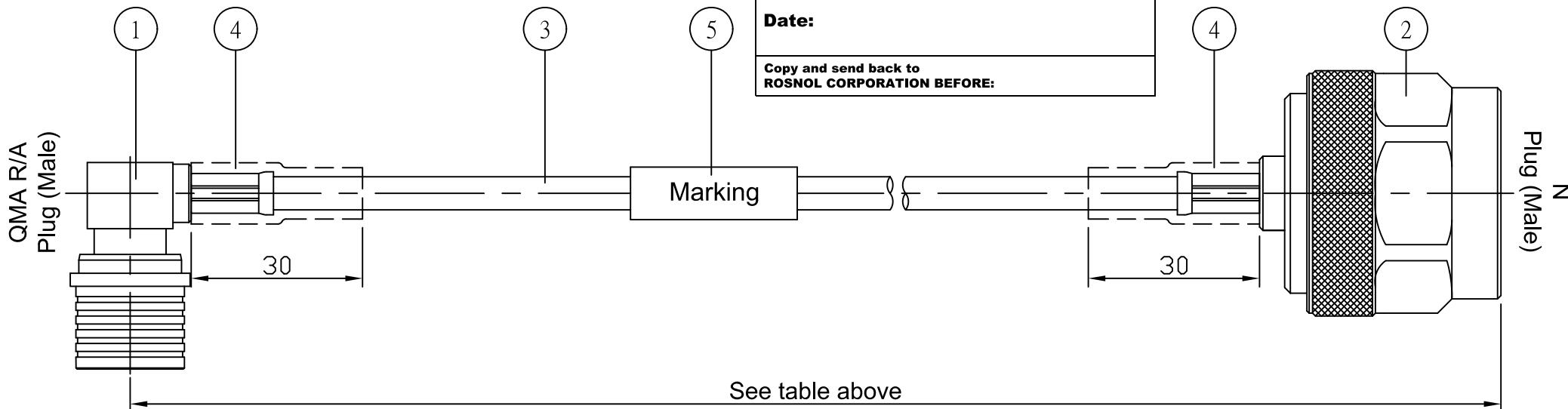
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N	Length (mm)	
QA1C59-RG316D-N1C50-1000CA /6G	1000	
Frequency	VSWR Max.	Insertion Loss Max. (dB)
6 GHz	1.35	$\leq 0.00234 \text{ (dB/mm)} * L \text{ (mm)} + 0.24 * \sqrt{f}$

SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUN/23/2025	

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- 6 GHz
QA1C59-RG316D-N1C50-1000CA/6G
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-316D Cable	1000	mm
2	N Crimp Plug	N1C50-G316A/144	1	EA
1	QMA R/A Crimp Plug	QMA1C59-D316A/144	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
www.rosnol.com
info@rosnol.com
N-CAGE Code: SFKK0

TITLE
QMA R/A Plug (Male) to N Plug (Male)
1 Meter Cable Assembly for RG-316D Cable
DRAWING NO.
QA1C59-RG316D-N1C50-1000CA/6G