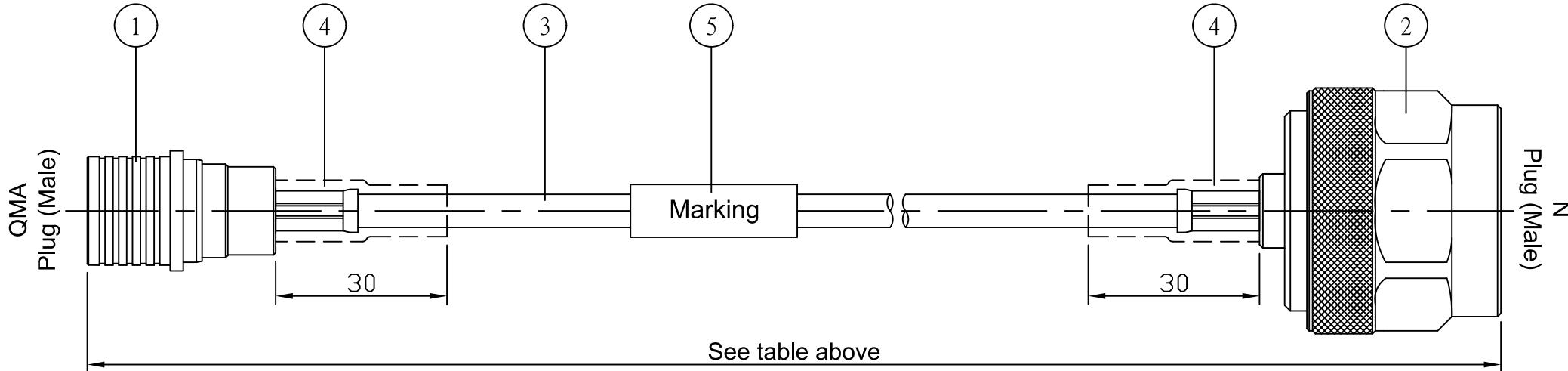


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N	Length (mm)	
QA1C50-RG316D-N1C50-1000A /6G	1000	
Frequency	VSWR Max.	Insertion Loss Max. (dB)
6 GHz	1.3	$\leq 0.00234 \text{ (dB/mm)} * L \text{ (mm)} + 0.21 * \sqrt{f}$

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
QA1C50-RG316D-N1C50-1000A/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 Crimp Plug	QMA1C50-D316A/144	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

DIMENSION ARE IN MM [INCH]		CUSTOMER	REV	UNIT
TOLERANCES		mm [inch]		
DECIMALS		APPROVED		
$.X \pm 6.35 [.250"]$		DATE		
$.XX \pm 3.18 [.125"]$		DRAWN	DATE	
$.XXX \pm 1.52 [.060"]$				
DEGREES				
$X^\circ \pm 1^\circ$				

ROSNOL 
RF/Microwave Technology
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N-CAGE Code: SFKK0

TITLE
QMA Plug (Male) to N Plug (Male)
1 Meter Cable Assembly for RG-316D Cable

DRAWING NO.
QA1C50-RG316D-N1C50-1000A/6G