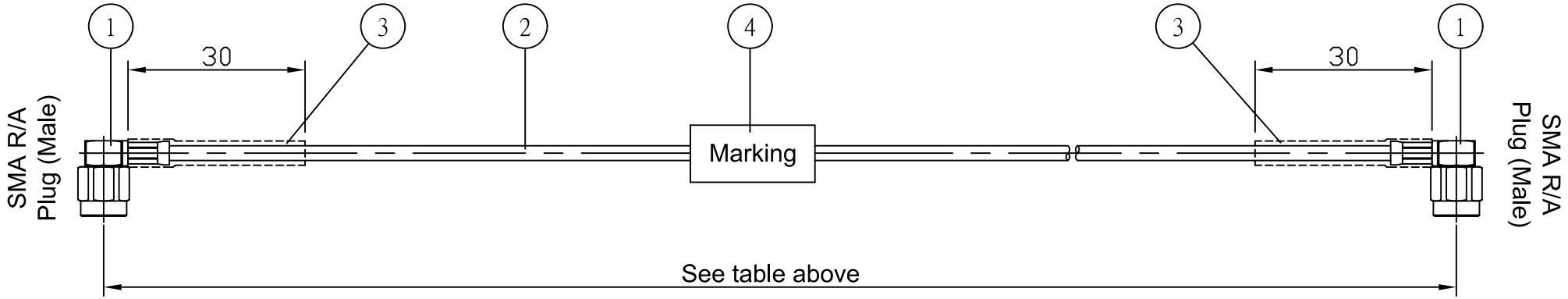
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SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
–	INITIAL RELEASE	JUN/27/2025	

Rosnol P/N		Length (mm)
A1C59-RG316-A1C59-332C/6G		332
A1C59-RG316-A1C59-1000C/6G		1000
Frequency	**VSWR Max.**	**Insertion Loss Max. (dB)**
6 GHz	1.25	≤ 0.00234 (dB/mm) * L (mm) + 0.15* √f



NOTES:
1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
   ROSNOL DC- 6 GHz
   A1C59-RG316-A1C59-XXX/6G
   WW/YY - SERIAL NUMBER
3) ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
   ±3 mm FOR L<=300mm ; ±1% FOR L >300mm

CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

NO.	DESCRIPTION	PARTS NO.	QTY.	U/M
4	LABEL HEAT SHRINK TUBE	HST-W-D4-125C	1	EA
3	HEAT SHRINK TUBE	HST-B-D4-125C	2X 30	mm
2	CABLE	ROSNOL RG316 Cable	See table above	mm
1	SMA R/A CRIMP PLUG	SMA1C59-G316C/944	2	EA

DIMENSION ARE IN MM [INCH]

TOLERANCES

DECIMALS
.X ± 6.35 [.250"]
.XX ± 3.18 [.125"]
.XXX ± 1.52 [.060"]
DEGREES
X° ± 1°

CUSTOMER | REV: – | UNIT: mm [inch]

APPROVED | DATE

DRAWN | DATE

ROSNOL
RF/Microwave Technology
www.rosnol.com
info@rosnol.com
N-CAGE Code: SFKK0

TITLE
SMA R/A Plug (Male) to SMA R/A Plug (Male)
XXX Meter Cable Assembly for RG316 Cable

DRAWING NO.
A1C59-RG316-A1C59-XXX/6G