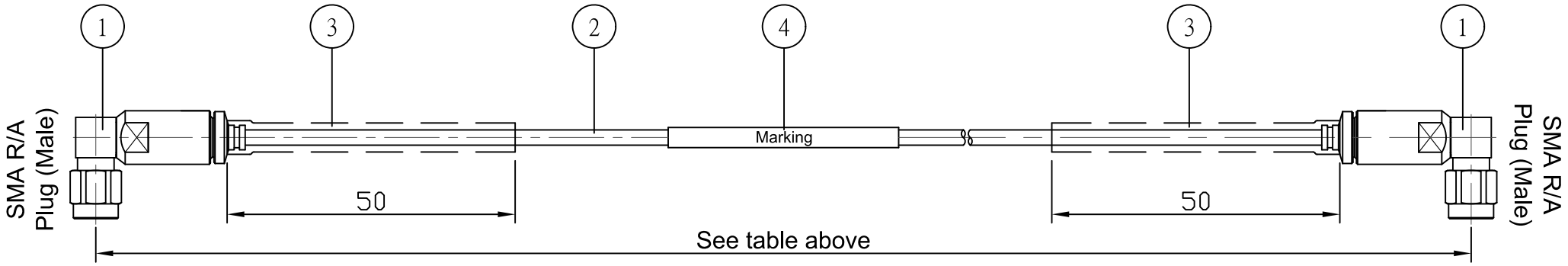
INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
–	INITIAL RELEASE	APR/21/2026	

Rosnol P/N		Length (mm)
A1K59-EF405-A1K59-1000C/18G		1000
Frequency	**VSWR Max.**	**Insertion Loss Max. (dB)**
18 GHz	1.35	≤ 0.00357 (dB/mm) * L (mm) + 0.21* √f



NOTES:
1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
   ROSNOL DC-18 GHz
   A1K59-EF405-A1K59-1000C/18G
   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-D3.5-125C	1	EA
3	HEAT SHRINK TUBE	HST-B-D4.7-125C-G	2X 50	mm
2	CABLE	ROSNOL EF405 Cable	1000	mm
1	SMA SOLDER CLAMP PLUG R/A	SMA1K59-EF405A/9XX	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 Plug (Male) R/A to SMA Plug (Male) R/A
1 Meter Cable Assembly for EF405 Cable

DRAWING NO.
A1K59-EF405-A1K59-1000C/18G