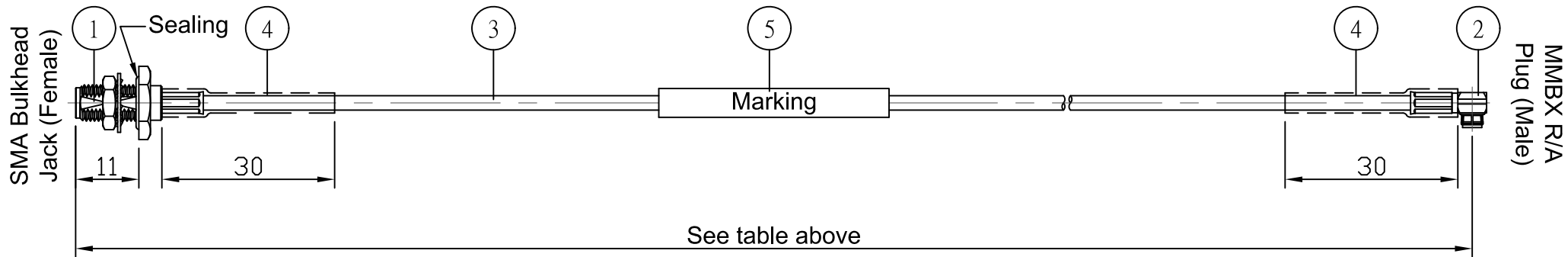


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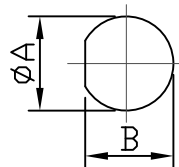
SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JUN/02/2026	

Rosnol P/N		Length (mm)
A2CA50S-RG316-BX1C59-70.5 AC/6G		70.5
Frequency	VSWR Max.	Insertion Loss Max. (dB)
6 GHz	1.4	$\leq 0.00234 \text{ (dB/mm)} * L \text{ (mm)} + 0.18 * \sqrt{f}$



Mounting Dimension



	mm		inch	
	Max.	Min.	Max.	Min.
A	6.5	6.4	.256	.252
B	6.15	6.0	.242	.236

NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 6 GHz
A2CA50S-RG316-BX1C59-70.5AC/6G
WW/YY - SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
 $\pm 3 \text{ mm FOR } L \leq 300\text{mm}$; $\pm 1\% \text{ FOR } L > 300\text{mm}$

NO.	DESCRIPTION	PARTS NO.	QTY.	U/M
5	LABEL HEAT SHRINK TUBE	HST-W-D4-125C	1	EA
4	HEAT SHRINK TUBE	HST-W-D4-125C	2X 30	mm
3	CABLE	RG-316/U Cable	70.5	mm
2	MMBX CRIMP PLUG R/A	MMBX1C59-G316A/99	1	EA
1	SMA BULKHEAD CRIMP JACK	SMA2CA50-G316C/91	1	EA

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

CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

ROSNOL

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

TITLE
SMA Bulkhead Jack (Female) to MMBX Plug (Male) R/A
0.0705 Meter Cable Assembly for RG-316/U Cable

DRAWING NO.
A2CA50S-RG316-BX1C59-70.5AC/6G