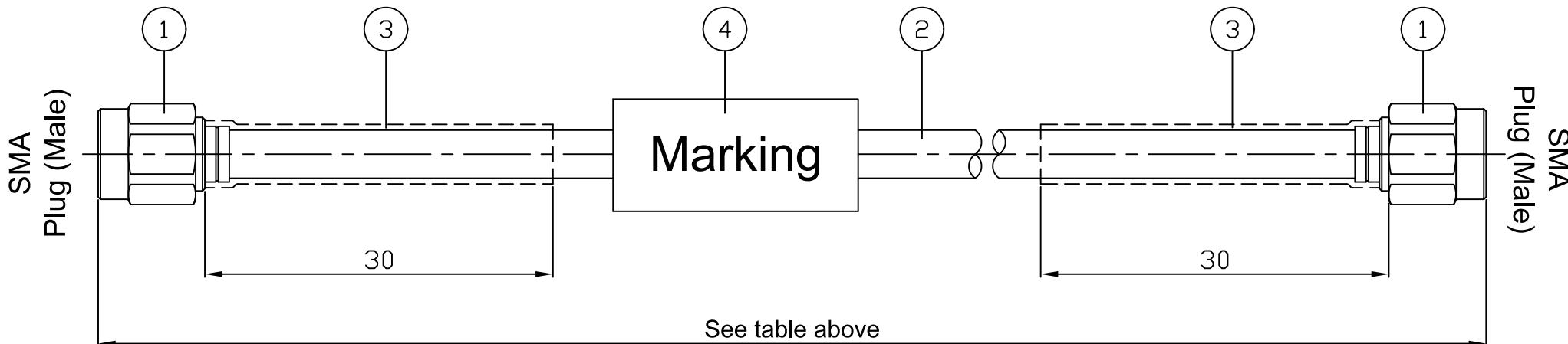


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Rosnol P/N	Length (mm)	
A1E50-EF402-A1E50-500A/6G	500	
A1E50-EF402-A1E50-1000A/6G		
Frequency	VSWR Max.	Insertion Loss Max.
6 GHz	1.25	$\leq 0.00097 \text{ (dB/mm)} * L \text{ (mm)} + 0.1 * \sqrt{f(\text{GHz})}$

## SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	NOV/28/2024	



### NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 6 GHz  
A1E50-EF402-A1E50-XXX/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  $L > 300 \text{ mm}$

<b>CUSTOMER'S APPROVAL</b>	
Department or company's stamp	
Name:	
Date:	
Copy and send back to ROSNOL CORPORATION BEFORE:	

4	LABEL HEAT SHRINK TUBE	HST-W-D5-125C	1	EA
3	HEAT SHRINK TUBE	HST-B-D5-125C	2X 30	mm
2	CABLE	ROSNOL EF402	See table above	mm
1	SMA SOLDER PLUG	SMA1E50-EZ141A/91X	2	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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

**ROSNOL**   
RF/Microwave Technology  
www.rosnol.com  
info@rosnol.com

N-CAGE Code: SFKK0

TITLE  
SMA Plug (Male) to SMA Plug (Male)  
XXX Meter Cable Assembly for EF402 Cable

DRAWING NO.  
A1E50-EF402-A1E50-XXX/6G