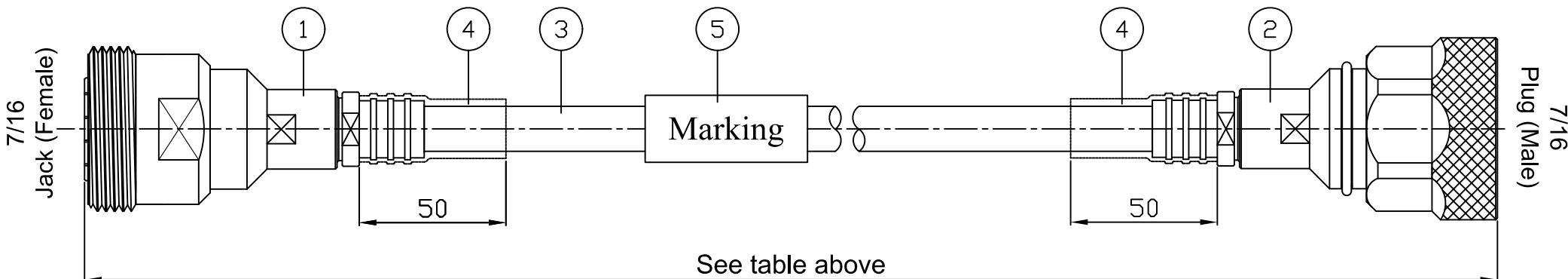


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.

Rosnol P/N	Length (mm)	
D2K50-MP790A-D1K50-2000A/7.5G	2000	
Frequency	VSWR Max.	Insertion Loss Max.
7.5 GHz	1.25	$\leq 0.0005 \text{ (dB/mm)} * L \text{ (mm)} + 0.15 * \sqrt{f(\text{GHz})}$

# SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	MAR/6/2025	



NOTES:

- 1) CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- 2) MARKING DETAILS IF NOT SPECIAL MARKING TEXT:  
ROSNOL DC- 7.5 GHz  
D2K50-MP790A-D1K50-2000A/7.5G  
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-D12-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D12.7-125C-G	2X 50	mm
3	CABLE	Rosnol MP790A Cable	2000	mm
2	7/16 SOLDER CLAMP PLUG	7161K50-MP790A/144	1	EA
1	7/16 SOLDER CLAMP JACK	7162K50-MP790A/H4	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		
$.XX \pm 3.18 [.125"]$				
$.XXX \pm 1.52 [.060"]$		DRAWN		DATE
DEGREES				
$X^\circ \pm 1^\circ$				

## 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  
7/16 Jack (Female) to 7/16 Plug (Male)  
2 Meter Cable Assembly for MP790A Cable

DRAWING NO.  
D2K50-MP790A-D1K50-2000A/7.5G