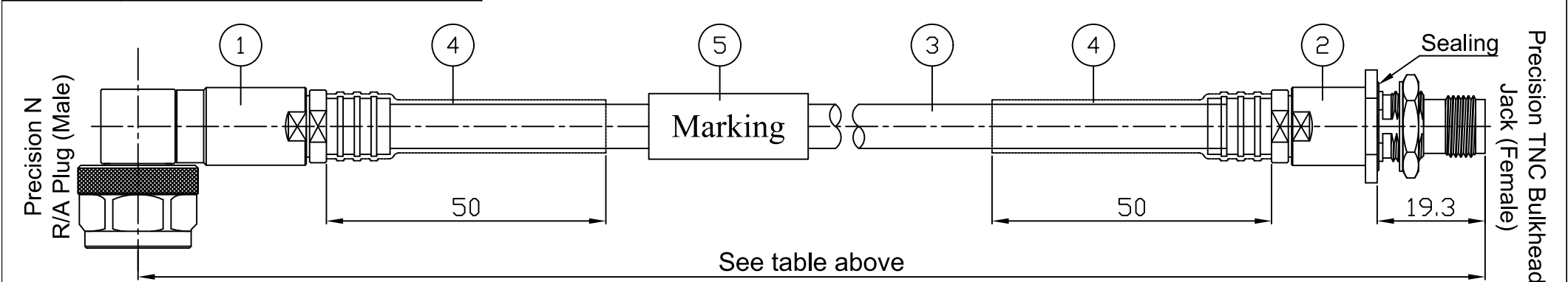


INFORMATION CONTAINED WITHIN THIS ROSNOL RF/MICROWAVE TECHNOLOGY CORP. DOCUMENT IS CONSIDERED PROPRIETARY AND IS THE PROPERTY OF ROSNOL RF/MICROWAVE TECHNOLOGY CORP.		
Rosnol P/N	Length (mm)	
PCN1K59-MP790A-PCT2KA50-3600CA/18G_W14	3600	
Frequency	VSWR Max.	Insertion Loss Max.
18 GHz	1.5	≤ 0.00068 (dB/mm) * L (mm) + 0.13 (dB)

SPECIFICATION CONTROL DRAWING

REVISION			
REV.	DESCRIPTION	DATE	APPROVED
-	INITIAL RELEASE	JAN/17/2025	



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:
ROSNOL DC- 18 GHz
PCN1K59-MP790A-PCT2KA50-3600CA/18G_W14
WW/YY SERIAL NUMBER
- ALL DIMENSIONS ARE IN MM ; LENGTH TOLERANCES :
±3 mm FOR L≤300mm ; ±1% FOR L >300mm
- HUMIDITY -
In accordance with Para. 4.6.2.4 of MIL HDBK 5400
SAND AND DUST -
In accordance with Para. 4.6.2.7 of MIL HDBK 5400
FUNGUS -
In accordance with Para. 4.6.2.8 of MIL HDBK 5400
FLAMMABILITY -
In accordance with MIL STD 202 Method 202

- EXPLOSIVE CONDITIONS -
In accordance with Para. 4.6.2.10 of MIL HDBK 5400
SOLVENT RESISTANCE -
7 days at 20 Deg C JP 6 (jet fuel) and hydraulic fluid (MIL H 5606)
SHOCK -
In accordance with Para. 4.6.2.6 of MIL HDBK 5400
VIBRATION -
In accordance with Para. 4.6.2.5 of MIL HDBK 5400
SALT ATMOSPHERE -
The item shall withstand, in both operation and nonoperation situations, exposure to salt sea atmosphere, according to Para. 4.6.2.9 of MIL HDBK 5400
ALTITUDE -
The item shall be capable of continuous reliable operation at any altitude from Sea level to 70,000 feet

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	3600	mm
2	Precision TNC Bulkhead Jack (Female)	PCT2KA50-MP790A/9X	1	EA
1	Precision N Bulkhead R/A Plug (Male)	PCN1K59-MP790A/933	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

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

CUSTOMER'S APPROVAL

Department or company's stamp

Name:

Date:

Copy and send back to ROSNOL CORPORATION BEFORE:

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

TITLE	Precision N R/A Plug (Male) to Precision TNC Bulkhead Jack (Female) 3.6 Meter Cable Assembly for MP790A Cable
DRAWING NO.	PCN1K59-MP790A-PCT2KA50-3600CA/18G_W14