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Rosnol P/N	Length (mm)
T1K50-MP533A-AM-A1K59-1950AC/6G	1950±20
T1K50-MP533A-AM-A1K59-XXX/6G	Custom Length

Electrical Data					
Impedance	50 ohm				
Frequency	DC-6 GHz				
Capacitance	87 pF/m (26.5 pF/ft)				
Velocity of Signal Propagation	80%				
Signal Delay	4.3 ns/m (1.31 ns/ft)				
Insulation Resistance	$\geq 1 \times 10^8$ MΩ/m				
Shielding Effectiveness	>120 dB (DC -18.0 GHz)				
Max. Operating Voltage	2.6 KVrms (at sea level)				
Frequency	VSWR Max.	Insertion Loss Max.	Phase Stability vs Flexure ¹	Amplitude Stability vs Flexure ²	Flex Life Cycle ³
6 GHz	1.25	≤ 0.000718 (dB/mm) * L (mm) + 0.1* √(dB)	± 3° Typ. ± 5.5° Max.	± 0.05 dB Typ. ± 0.10 dB Max.	≥ 10000

¹ Per IEC 60966-1, section 8.6, method 1.

² Per IEC 60966-1, section 9.3.

³ Per IEC 60966-1, section 8.4.

Mechanical Data	
Weight	N/A
Min. Bending Radius	Static 16 mm (.630 inch) Dynamic 25 mm (.984 inch)
Environmental Data	
Operating Temperature	-40°C ~ +85°C
RoHS / REACH	Compliant

5	LABEL HEAT SHRINK TUBE	HST-W-D12-125C	1	EA
4	HEAT SHRINK TUBE	HST-B-D12.7-125C-G	2X 20	mm
3	CABLE	ROSNOL MP533A-AM Cable	1950	mm
2	SMA R/A SOLDER CLAMP PLUG	A1K59-0533A/9XX	1	EA
1	TNC SOLDER CLAMP PLUG	T1K50-MP533A/9XX	1	EA
NO.	DESCRIPTION	PARTS NO.	QTY.	U/M

SPECIFICATION CONTROL DRAWING

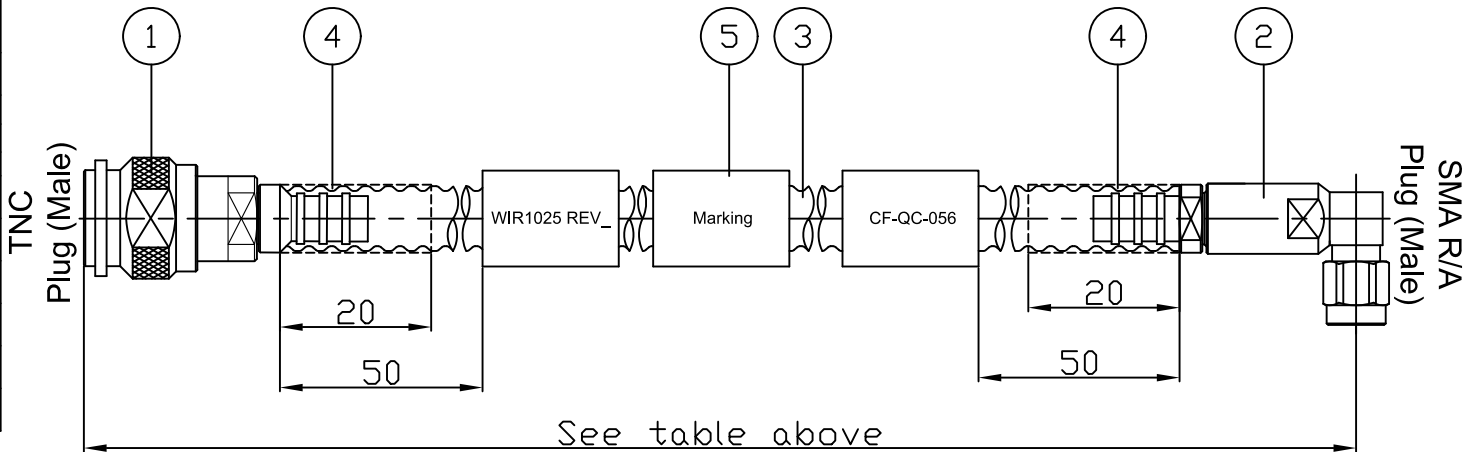
CUSTOMER'S APPROVAL

Department or
company's stamp

Name:

Date:

Copy and send back to
ROSNOL CORPORATION BEFORE:



NOTES:

- CONNECTORS ASSEMBLED PER MANUFACTURERS INSTRUCTIONS.
- TEST AND MEASUREMENT 100%, DC- 6 GHz VSWR X.XX, INSERTION LOSS: XXXX dB (SEE TABLE)
- MARKING DETAILS IF NOT SPECIAL MARKING TEXT:

ROSNOL DC- 6 GHz
T1K50-MP533A-AM-A1K59-1950AC/6G
WWYY-SERIAL NUMBER

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

ROSNOL
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N-CAGE Code: SFKK0

TITLE
TNC Plug (Male) to SMA R/A Plug (Male)
1.95 Meter Cable Assembly for MP533A-AM Cable

DRAWING NO.
T1K50-MP533A-AM-A1K59-1950AC/6G