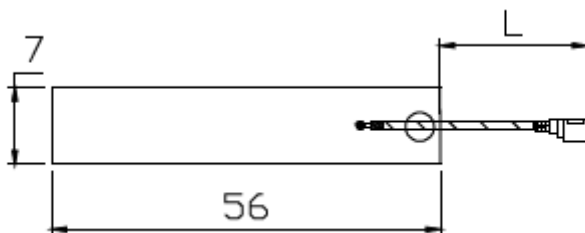


Electrical Specifications



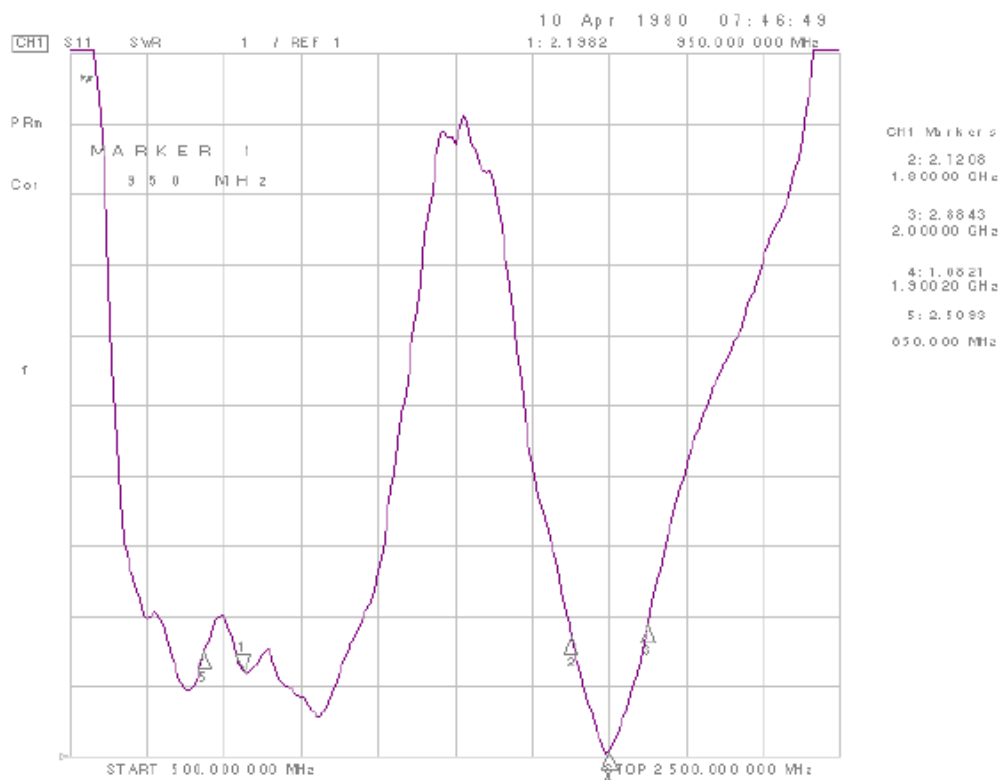
Parameters	Specification	Unit
Frequency Range	GSM900: 820 ~ 960	MHz
	GSM1800: 1710 ~ 1880	
	GSM1900: 1850 ~ 1990	
	UMTS: 1900 ~ 2170	
VSWR	2	-
Bandwidth	140 @ 900	MHz
	170 @ 1800	
	140 @ 1900	
	170 @ 2000	
Impedance	50	Ω
Gain, typ	1 @ 900	dBi
	1 @ 1800	
	1 @ 1900	
	1 @ 2000	
Azimuth	Omni-direction	-
Polarization	Linear	-
RF Cable	Length	30 ± 2
	Diameter	1.13 ± 0.1
Connector	IPEX	
Operating Temperature Range	-40 ~ +85	$^{\circ}\text{C}$
Storage Temperature Range	-45 ~ +85	$^{\circ}\text{C}$

Mechanical Specifications



Frequency Characteristics

VSWR



APPROVAL

DRAWN BY	CP, March 02, 2016
APPROVED BY	CP, March 02, 2016
REVISION	A, Initial Release

Raltron Electronics/RAMI Technology USA, LLC, including its affiliates, employees, agents and other persons acting on its behalf (collectively Raltron/RAMI Tech), disclaim any and all liability for any errors or inaccuracies contained in this data sheet. While Raltron/RAMI Tech has made every reasonable effort to ensure the accuracy of all product information, specifications and data contained herein, Raltron/RAMI Tech does not guarantee that the information is accurate, reliable or current. The product information is provided for reference purposes only and is subject to change, correction or revision, at any time without notice. Raltron/RAMI Tech does not assume any liability arising out of an application or use of any product described herein and disclaims any warranties expressed or implied. The user of products in such applications shall assume all risks of such use and will agree to hold Raltron/RAMI Tech, harmless against all damages.