

KVY-RG58-N/SMA

HIGH PERFORMANCE





VERSİYON: 1.0


TARİH: 09.12.2023

KUVAYI TECHNOLOGIES A.Ş

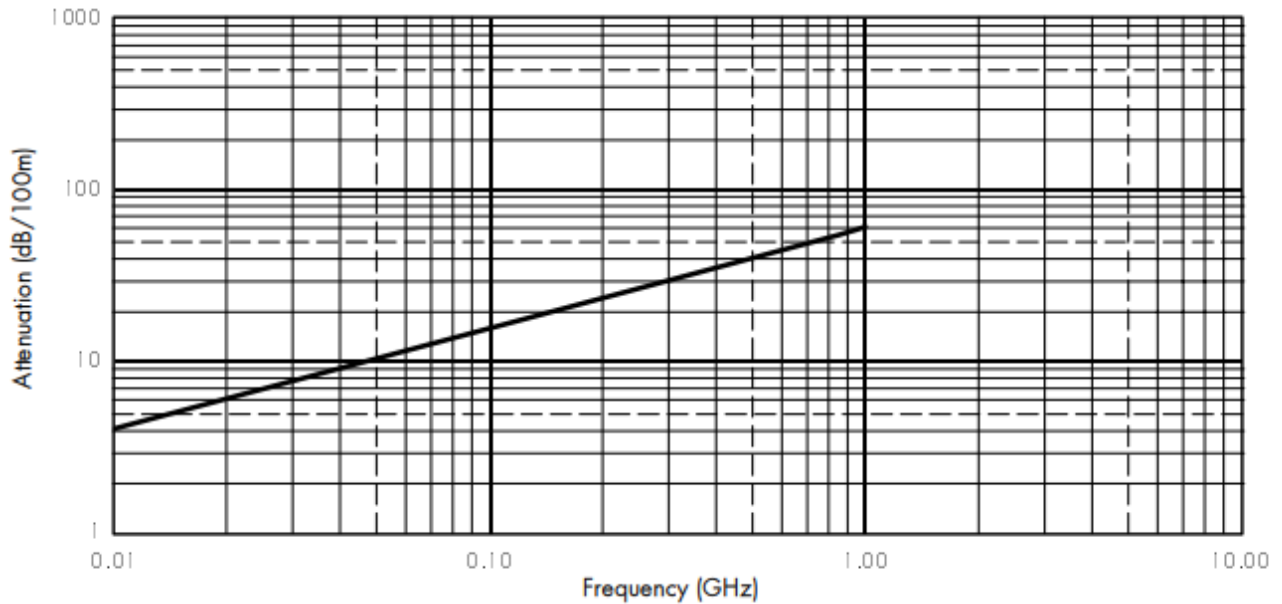
## SPECIFICATIONS

ELECTRICAL 	
Model	KVY-RG58-N/SMA
Internal Conductor	0.91 mm (Copper)
Internal Conductor Resistance	3.2 ohms / 1000 ft
Internal Insulation	2.95 mm (PE)
1. Outer Conductor	3.51 mm (Tin Plated Copper Braid)
Outer Conductor	4.95 mm (PE) / Black
Working Frequency	DC - 4000 MHz
Characteristic Impedance	50 ohm
Max Input Power	1.9 kW
Delay	1.54 nf/ft
Nominal Capacitance	28.8 pF/ft
Nominal Inductance	0.06 uH/ft
Shielding Efficiency	>87 dB










MECHANICAL 	
Connector Type	Customizable
Cable Colour	Black
Weight	40 g/m


ENVIRONMENTAL CONDITIONS 	
Bending Moment	0.25 N-m
Crushing	285 g/mm
Tensile Strength	29 kg
Working Temperature	-30° / +70° C

## Frequency Dependent Signal Attenuation Effect



Frequency	3FT	6FT	10FT	15FT	20FT	25FT	35FT	50FT	VSWR
<b>50MHz</b>	0.07	0.14	0.23	0.35	0.47	0.56	0.81	1.16	≤1.15
<b>150MHz</b>	0.13	0.26	0.43	0.46	0.89	1.05	1.45	2.16	≤1.15
<b>220MHz</b>	0.16	0.32	0.53	0.81	1.06	1.33	1.85	2.26	≤1.15
<b>450MHz</b>	0.23	0.46	0.76	1.15	1.52	1.90	2.66	3.80	≤1.15
<b>900MHz</b>	0.33	0.66	1.10	1.65	2.20	2.75	3.85	5.50	≤1.15
<b>1500MHz</b>	0.43	0.86	1.43	2.14	2.86	3.57	5.11	7.10	≤1.15
<b>1800MHz</b>	0.48	0.96	1.55	2.32	3.10	3.87	5.42	7.75	≤1.15
<b>2000MHz</b>	0.51	1.02	1.70	2.55	3.40	4.25	5.95	8.50	≤1.15
<b>2500MHz</b>	0.57	1.14	1.90	2.85	3.80	4.75	6.65	9.50	≤1.15
<b>3000MHz</b>	0.61	1.22	2.03	3.40	4.06	5.06	7.11	10.16	≤1.25
<b>5800MHz</b>	0.84	1.68	2.50	4.20	5.60	7.01	9.80	14.02	≤1.25

ORDER DETAILS			
RG58-N/SMA-001	SMA Male/ N Male		
RG58-N/SMA-002	RP SMA Male / N Male		
RG58-N/SMA-003	SMA Female / N Female		
RG58-N/SMA-004	RP SMA Female / N Female		
Explanation	Connector structure is not a parameter that directly affects signal transmission performance. Choose the one that is compatible with the connector of the antenna you will use. Indicate the meter you need in your orders. It can be customized with connectors that are not listed.		

Packaging Information			
Packaging Information	Plastic		
Cargo Dimensions	Will be notified according to the cable size in the order.		

## Order Details

Order Link:

<http://www.kuvayitechnologies.com/>

1. Sakarya Mahallesi, Ayvaz Sokak,  
No:3A Karesi / BALIKESİR / TURKIYE

Sales: +90 505 116 27 05  
e-mail: [info@kuvayitechnologies.com](mailto:info@kuvayitechnologies.com)  
Web: <http://www.kuvayitechnologies.com/>