

SIGNAL GENERATOR MG724E1/G1

MG724E1: 6.3 GHz to 7.8 GHz, MG724G1: 12 GHz to 13 GHz

For Maintaining and Adjusting Microwave Links



Build-to order product

The MG724E1/G1 are a compact lightweight microwave signal generator, designed for medium – and small – capacity microwave line repeater maintenance or adjustment. The instrument is best suited to measure AGC characteristics, squelch function, and signal-to-noise ratio. Its high signal purity and frequency stability also enable it to be used as a general-purpose signal source for microwave receiver adjustment on a production line.

Features

- High signal purity
- High frequency stability
- Wide output level range
- Small and Lightweight

Specifications

Model	MG724E1	MG724G1
Frequency range	6.3 GHz to 7.8 GHz	12 GHz to 13 GHz
Frequency accuracy	0.3%	
RF output	Level*	-100 to -5 dBm (Max.: ≥0 dBm)
	Level accuracy*	±1.5 dB
	VSWR*	≤1.7
FREQ. CHECK output	≥-5 dBm	
Output connector	N-type	
SSB FM noise	-95 dBc/Hz (10 kHz offset)	-75 dBc/Hz (10 kHz offset)
Power supply	AC 100 V, 50 Hz/60 Hz, ≤10 VA	AC 100 V, 50 Hz/60 Hz, ≤30 VA
Dimensions and Mass	240 (W) × 135 (H) × 130 (D) mm, ≤4 kg	

*: The value when measured at the end of the 2 m cable attached.

Ordering Information

Please specify the model/order number, name and quantity when ordering. The names listed in the chart below are Order Names. The actual name of the item may differ from the Order Name.

Model/Order No.	Name
MG724E1	Main frame Signal Generator (build-to order product)
MG724G1	
	Standard accessories
J0114B	Coaxial Cord (UG-21D/U · RG-9A/U · UG-21D/U), 2 m: 1 pc
J0246	MX-913/U Connector Cap (N-type): 1 pc
	Power Cord, 2.5 m: 1 pc
F0016	Fuse, 0.2 A (for MG724E1): 2 pcs
F0017	Fuse, 0.5 A (for MG724G1): 2 pcs
F0039	Fuse, 0.2 A (for MG724E1): 1 pc
F0042	Fuse, 0.8 A (for MG724G1): 1 pc
W0082AE	MG724[]1 Operation Manual: 1 copy
	Application equipment
B0051	Front Cover

Model designation

MG724[] : Without power supply

MG724[]1 : With power supply