



Consultix-5G Duo CW Transmitter

Portable Signal to 40 GHz



Consultix 5G test transmitter is a portable RF signal generator that brings simplicity and affordability to microwave test scenarios pertinent to 5G applications.

The RF performance of the handheld device makes it ideal for field applications as well as several laboratory use cases. Thanks to its calibrated output and wide range of operation covering frequencies from 24 to 30 GHz and from 36 to 40 GHz.

With an unprecedented output power level of up to 27 dBm, the transmitter significantly exceeds the maximum power levels attained by traditional bench-top signal generators.

The tool is engineered for maximum ease of operation. Among the embodied features are the ergonomic form factor, direct user control through 2 buttons, simple LCD screen and low power consumption that allows powering by commercial power banks for maximum field convenience and flexibility.

Performance

- 2 ppm Frequency accuracy
- 40 GHz frequency range
- Output power higher than bench-top equipment
- Low power consumption

Convenience

- Entuitive user interface
- Ergonomic form factor
- 3.5 Kg weight
- High grade test accessories



Specifications	
RF Characteristics	
Frequency Range	24 to 30 GHz & 36 to 40 GHz
Frequency Step	1 MHz
Modulation	CW (Continuous Wave Carrier)
Frequency Settings	Up and Down Buttons
Frequency Accuracy	± 2 ppm*
Output Power Level	27 dBm
Level Accuracy	± 2 dB*
Level Settings	Fixed
Level Stability	± 1 dB*
Phase Noise	-108 dBc/Hz @ 1 MHz Offset from Carrier
RF Output Interface	Female 2.92mm (K) Connector
Power Supply	
AC Adapter	Input: 100-240 VAC, 50-60 Hz / Output: 12 VDC, 2A
DC Input	Power Jack 2.1 mm ID 5.5 mm OD
Physical	
External Dimensions	(H) 110 mm, (W) 260 mm, (D) 280 mm
Weight	3.5 Kg
Operating Temp	0 to 50 °C
Standard Package	Transmitter, Quick Guide and AC/DC adapter

* Parameters are specified after warm-up time @ temperature 25 - 30 C°

Ordering Information	
Consultix 5G Portable Signal Generator; dual-band 24 to 30 GHz & 36 to 40 GHz	Consultix-5G Duo
Precision test cable; 3ft (90 cm), 40 GHz, 2.9mm (male-male), 2.96 dB Loss @ 40 GHz	C5G-Acc-C29
Omnidirectional Antenna 26 to 40 GHz, 7.5 dBi Gain, 2.92 mm K(F)	C5G-Acc-OA75
Omnidirectional Antenna 26.5 to 40 GHz, 3 dBi Gain, 2.92 mm K(F)	C5G-Acc-OA3
Waveguide Horn Antenna 26.5 to 40 GHz, 15 dBi Gain, 2.92 mm K(F)	C5G-Acc-HA15

Find us:

Building 57A, 2nd district, 6th area,
El-Teseen st.11835, New Cairo, Egypt.
+2 02 25647370 info@consultixwireless.com



877-711-1757
sales@dastronixusa.com