



## CellWizard™ WTX-35-C Transmitter 60 MHz to 3700 MHz



### Wide-band Hand-held

All bands in one transmitter (60-3000 MHz)

CBRS  
LTE  
UMTS/HSxPA  
GSM/EDGE  
CDMA2000/EV-DO  
WiFi  
WiMAX  
Public Safety/TETRA/LMR

Consultix's award-winning CellWizard™ Test Transmitters are setting the standard for next generation transmitters for indoor and outdoor applications. The wideband operation frequency allows a single device to be used for all bands and technologies from 60MHz and up to 3 GHz, eliminating the need to purchase and carry multiple transmitters to the site.

The superior RF performance and output level accuracy, +20 dBm standalone output power and +47 dBm with optional external amplifiers, make it the ideal solution for outdoor and Indoor propagation model tuning, and DAS injection tests.

#### Performance

- 0.5 dB Level Accuracy (Typ.)
- Outdoor Configurations (50 Watt Amplifiers)
- 1 KHz Frequency Resolution
- Up to 3 Hour Battery Operation

#### Convenience

- 60 to 3000 MHz Wireless Bands in a Single Unit
- Light Weight (< 700g)
- Ergonomic Handheld Form Factor
- Tripod Mounting Options



<b>Specifications:</b>	
<b>RF Characteristics</b>	
Frequency Ranges (Selected as per Ordering Information Below)	60 MHz to 3 GHz
Frequency Step	1 KHz
Modulation	Continuous Wave (CW)
Internal Frequency Accuracy	2 ppm. (Typ. 1 ppm)
Min. Output Power	-10 dBm
Max Output Power	20 dBm @ 60 MHz to 2.2 GHz 15 dBm @ 2.2 GHz to 2.7 GHz 12 dBm @ 2.7 GHz to 3 GHz
Power Accuracy	±1 dB (typical ±0.5 dB)
Harmonic Spurious (All Measurements @ Max Output)	-40 dBc @ 60 MHz to 1.5 GHz (typ. -55 dBc) -50 dBc @ 1.5 GHz to 2 GHz (typ. -55 dBc) -60 dBc @ 2 GHz to 3 GHz
RF Output Interface	50 Ohm SMA Female
<b>Power Supply</b>	
Input Power	9 to 14 VDC (Over Voltage Protection up to 28VDC)
Power Consumption	<7 Watts
AC Charger	Input: 100-240 VAC, 50-60 Hz / Output: 12 VDC, 2A
DC Input	Power Jack 2.1 mm ID 5.5 mm OD
Battery	Li-Po 2200 mAh
Battery Operation Time	>3 Hours (At Continuous Maximum Output Power)
Battery Standby Time	450 Minutes (Typical 500 Minutes)
<b>Physical</b>	
External Dimensions	L179 x W80 x H43 mm
Weight	<700 gm (1.5 lbs.) Including Battery
Operating Temp	-10 to +40 C
Compliance	CE and RoHS
Ingress Protection	IP65
<b>Standard Package</b>	Transmitter, AC Charger, Hard Carrying Case and User Manual

<b>Ordering Information</b>	
Multi-band CW Transmitter; 60 MHz to 3000 MHz	WTX-35-C3
Multi-band CW Transmitter; 60 MHz to 1000 MHz	WTX-35-C1
Multi-band CW Transmitter; 700 MHz to 3000 MHz	WTX-35-C2
Band Upgrade of WTX-35-C1/2 to WTX-35-C3	WTX-35-CU
10 Watt Power Amplifier; 400 MHz to 2700 MHz. (Others Available)	PA-4027-40
3m RF Cable (SMA Male to Type-N Male)	WTX-Acc-CSN-3
Multi-band Omnidirectional DAS Antenna (380 MHz - 6000 MHz)	WTX-Acc-DA1
Multi-band Omnidirectional DAS Antenna (698 MHz - 2700 MHz)	WTX-Acc-DA0
TETRA Whip Antenna (380 MHz-450 MHz). (Other Bands Available)	WTX-Acc-TA0
Car Charger	WTX-Acc-CC
Tripod 4 m (158 in.), Folds Down to 1.3 m (51 in.) (Other Lengths Available) (Including Antenna Mounting Plate)	WTX-Acc-4LT

**Find us:**

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