

New Consultix 2 or 4 Port CW Transmitter Opt WTX-35B-K40 C-Band Antenna Testing on all 4 Ports up to 4.0 GHz

Consultix's CellWizard CW Transmitters are setting the standard for next generation transmitters for all bands C-Band CW antenna testing from 150 MHz to 4.0 GHz

ORLANDO, FL, USA, March 21, 2024 /EINPresswire.com/ -- Consultix 2 or 4 Port CW Transmitter Option WTX-35B-K40 now supports CBRS and C-Band Antenna testing on all 4 Ports to 4 GHz. Consultix award-winning CellWizard™ Test Transmitters are setting the standard for next generation transmitters for indoor and outdoor applications. The wideband frequency operation allows a single device to be used for all bands and technologies either; from 150 MHz to 4.2 GHz, eliminating the need to purchase and carry multiple transmitters to the site. The superior RF performance and output level accuracy, make it the ideal

solution for outdoor and Indoor propagation model tuning, and DAS injection tests. Multi-Port models allow user to utilize one transmitter to generate up to 4 CW signals simultaneously on the device's 4 ports. Each port operates totally independent from the other three and is wideband up to the entire frequency range of the transmitter.



Inquire about our planning tools for the fast-growing IBS / DAS industry."

Sam Valdivia

If you are looking for a high-power output CW Transmitter for Stadium or Venue CW testing, please refer to the Mini-Safari Series:



CONSULTIX
Consultix CellWizard™ CW Transmitter Family
One Transmitter... All Bands

Wide-band Multi-port Hand-held
150 MHz to 4.2 GHz
CBRS
LTE
UMTS/HSPA
GSM/EDGE
CDMA2000/EV-DO
WiFi
WiMAX
Public Safety/TETRA/LMR

FC
CE
RoHS

Consultix's award-winning CellWizard™ Test Transmitters are setting the standard for next generation transmitters for indoor and outdoor applications. The wideband frequency operation allows a single device to be used for all bands and technologies either; from 150 MHz to 4.2 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.

Multi-Port models allow user to utilize one transmitter to generate up to 4 CW signals simultaneously on the device's 4 ports. Each port operates totally independent from the other three and is wideband up to the entire frequency range of the transmitter.

New C-Band Antenna Testing Option K40 now up to 4.0 GHz on all 2 or 4 Ports

The Mini Safari™ CW transmitter is a hand-held high-power signal generator particularly engineered for field applications such as propagation studies, small cells planning, DAS testing and coverage mapping. The Portable transmitter is available in different configurations; 5 Watts, 10 Watts or 20 Watts. The 5 Watt version comes as a single-port model (Mini safari-1) or a dual-port model (Mini safari-2). The 2 ports are identical, and each port covers the full range of frequency bands from 150 MHz to 2700 MHz with 5-Watt output power and delivers 2-Watt output power at the 3.5 GHz band. And optionally it can be upgraded to 10 Watts from 400 to 2700 MHz The 10-Watt model (Mini Safari-1CB) comes as a single port transmitter delivering 10 Watts across the whole frequencies from 600 to 4200 MHz, hence covering public safety bands, cellular bands reaching out to the C-Band with 1 device. And optionally it can be operated with 20 Watts at most of its operational range (option Mini Safari-1CB-P20).

Sam Valdivia
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Specifications:	WTX-05	WTX-35A4	WTX-35B
RF Characteristics			
Number of RF Ports	1	1	2 or 4
Frequency Ranges (Selected as per Ordering Information Below)	2.6 GHz, 2.4 GHz, 2.1 GHz, 1.9 GHz, 1.8 GHz, 900 MHz, 850 MHz, or 700 MHz Selections	300 to 3000 MHz 3000 MHz to 4200 MHz (Optional)	400 MHz to 2700 MHz 150 MHz to 400 MHz (Optional) 2700 MHz to 4000 MHz (Optional)
Number of Bands per Unit	Tri-band	Multi-band	Multi-band
Frequency Step	100 KHz	1 KHz	100 KHz
Modulation	CW or 3GPP WCDMA	CW	CW
2G UMTS Channels	CPCH, SCH, and PCCPCH	N/A	N/A
Internal Frequency Accuracy	± 2 ppm, (typ. 1 ppm)		
Min. Output Power	-10 dBm		
Max. Output Power	20 dBm @ 2.1 GHz 15 dBm @ 850 MHz and 900 MHz 11 dBm @ other bands	20 dBm @ (300 MHz to 2900 MHz) 15 dBm @ (2000.1 MHz to 4200 MHz)	15 dBm @ (150 MHz to 1800 MHz) 10 dBm @ (1800.1 MHz to 2700 MHz) 5 dBm @ (2700.1 MHz to 3500 MHz) 2 dBm @ (3500.1 MHz to 3700 MHz) 0 dBm @ (3700.1 MHz to 4000 MHz)
Power Accuracy	± 1 dB (typ. ±0.5 dB)		
Scrambling Code	0 to 511	N/A	
RF Output Interface	50 Ohm SMA Female		
Power Supply			
Input Power	9 to 14 VDC (Over Voltage Protection up to 28 VDC)		
Power Consumption	<14 Watts	<7 Watts	<14 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-Ion, 2000 mAh		
Battery Operation Time (At Continuous Maximum Output Power)	105 Minutes (Field Exchangeable Battery)	>3 Hours (Field Exchangeable Battery)	105 Minutes (Field Exchangeable Battery)
Physical			
External Dimensions	1179 x 980 x 143 mm		
Weights	Weight < 700 gm incl. Battery		
Operating Temp	-10 to +40 C		
Certifications	FCC CE (EMC, EN55011, EN 61000-3-2, EN 61000-3-3 and EN 61326-1, LVD, EN 61010-1) ROHS		
Ingress Protection	IP65		
Standard Package	Transmitter, AC Charger, Hard Carrying Case and User Manual		
Ordering Information			
Wide-band CW Transmitter: 300 to 3000 MHz	WTX-35-A4		
Frequency Range License: 3000 MHz to 4200 MHz (For WTX-35-A4)	WTX-35-A4C39		
4 port, Wide-band Transmitter: 400 MHz to 2700 MHz	WTX-35-B4		
2 port, Wide-band Transmitter: 400 MHz to 2700 MHz	WTX-35-B2		
2 Port to 4 Port Upgrade License (For WTX-35-B2)	WTX-35-K24		
Frequency Range License: 150 MHz to 400 MHz (For WTX-35-B2 or B4)	WTX-35-B4V		
Frequency Range License: 2700 MHz to 4000 MHz (For WTX-35-B2 or B4)	WTX-35-B-640		
Frequency Dwelling (Hopping) Mode (For WTX-35-B2 or B4)	WTX-35-FD4		
Tri-Band WCDMA/CW Transmitter (See Available Bands Above)	WTX-05-xxxxx*		
3m RF Cable (SMA Male to Type-N Male)	WTX-Acc-CSN-3		
Multi-band Omnidirectional DAS Antenna (698 MHz - 2700 MHz)	WTX-Acc-D4D		
Multi-band Omnidirectional DAS Antenna (188 MHz - 6500 MHz)	WTX-Acc-D4T		
TETRA Whip Antenna (380 MHz-450 MHz) (Other Bands Available)	WTX-Acc-T4D		
Car Charger	WTX-Acc-CC		
Non-metal Tripod, 4.8 m (16ft), folds down to 1.3 m (5ft); incl. antenna mounting plate. (other lengths available)	WTX-Acc-5LT		

*xxx= 26, 25, 24, 21, 19, 18, 09, 08, 07, or 03 For the Above Specified Bands Respectively. (Others Available)

Consultix WTX-35A4 1 Port and WTX-35B-2 or 4 Port options up to C-Band



Mini Safari™ High Power CW Transmitter

Portable meets Powerful



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Mini-Safari CBRS-C-Band High Power Transmitter

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