

Testing DAS in C-band? Check our latest CW Test Options

Testing DAS in C-band? Check our latest CW Test Options, C-band offers bandwidth to accommodate the high capacity required for the true indoor 5G experience.

ORLANDO, FL, USA, August 30, 2023 /EINPresswire.com/ -- Greetings from DAStronix & Consultix, C-band offered valuable bandwidth to accommodate the high capacity required for the true indoor 5G experience. And most of the DAS equipment providers promptly responded either with new standalone solutions for the C-band or additions to existing/legacy DAS systems. In both cases, only a well-designed and

tested 5G network running on C-band is able to provide good signal propagation to penetrate building walls effectively. Hence, the new spectrum which lays from 3.7 to 4 GHz requires relevant test instruments to examine and configure



the DAS infrastructure properly. Consultix listened to its customer requirements early ahead and made available 4 GHz options in some of its handheld CellWizard CW transmitters and the Safari high-power CW transmitter families. Now all the CellWizard family supports C-band with the single-port or the multi-port models. And as usual the upgrade is just a softkey license.

Consultix CellWizard[™] CW Transmitter is designed specifically for the IBS/DAS environment, with features such as: Wide-band frequency operation from 150 MHz to 4.2 GHz, covering all bands and technologies including c-band, Simultaneous multi-port operation, Battery-operated and ultra-portable handheld form factor, Readable signal by any scanner, CW receiver or signal/spectrum analyzer, IP65 ingress-protected, FCC & CE marked and ROHS compliant product, Intuitive interface for maximum ease of use.

With the CellWizard[™] test transmitter, you can complete all required CW tests on all frequency channels and cover all test points in the venue within a very short time. You can also verify your design against the desired coverage.

If needing to simulate a high power CW test for a DAS system from 2 or 5 watts sub 6 GHz we encourage you to look at our Consultix WTX-610 illuminator™ is the gold standard for portable RF test transmitters/signal generators. Wideband operation up to 6 GHz allows the illuminator[™] to address all your needs of test transmitters/signal generators even over unlicensed bands for LTE, CBRS and C-Band. This feature combined with the ultra-portable handheld form factor and innovative touch interface for maximum ease of use make the illuminator[™] a convenient choice for laboratory users as well as field applications such as DAS & Small Cells radio planning and testing. IL-P3 2-watt CW output for CBRS category A antenna testing. New option: IL-P4 5 watt CW output for all Cellular and the New C-Band Spectrum.

Contact us now to discuss your requirements and our experts will advise for the optimum model/configuration for your profile. DAStronix P # 877-711-1757 or Sales@Dastronixusa.Com

last

Sam Valdivia Dastronixusa +1 877-711-1757 email us here

Specifications:	WTX-05	WTX-35-A4	WTX-35-B
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
3G UMTS Channels	CPICH, 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 @ (2900.1 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	91	o 14 VDC (Over Voltage Protection up to	28 VDC)
Power Consumption	<14 Watts	<7 Watts	<14 Watts
AC Charger	In	put: 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 (At Continuous Maximum Output Power)	105 Minutes (Field Exchangeable Battery)	>3 Hours (Field Exchangeable Battery)	105 Minutes (Field Exchangeable Battery)
Physical			
External Dimensions		L179 x W80 x H43 mm	
Weight	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	Transmi	tter, AC Charger, Hard Carrying Case an	d User Manual
Ordering Information			
Ordering Information Wide-band CW Transmitter: 300 to 3000 I	dHz.		WTX-35-64
Ordering Information Wide-band CW Transmitter: 300 to 3000 I Frequency Range License: 3000 Mile to 4	/Hz 200 MHz (For WTX-35-A4)		WTX-35-A4 WTX-35-A4-K39
Ordering Information Wide-band CW Transmitter: 300 to 3000 I Frequency Range License: 3000 MHz to 4. 4 port. Wide-band Transmitter: 400 MHz	MHz 200 MHz (For WTX-35-A4) to 2700 MHz		WTX-35-A4 WTX-35-A4-K39 WTX-35-B4
Ordering Information Wide-band CW Transmitter: 300 to 3000 1 Frequency Range License: 3000 MHz to 4. 4 port, Wide-band Transmitter: 400 MHz 1 2 port, Wide-band Transmitter: 400 MHz	/IHz 200 MHz (For WTX-35-A4) to 2700 MHz to 2700 MHz		WTX-35-A4 WTX-35-A4-K39 WTX-35-B4 WTX-35-B2
Ordering Information Wide-band CW Transmitter: 300 to 3000 l Frequency Range License: 3000 MHz to 4. 4 port, Wide-band Transmitter: 400 MHz to 2 port, Wide-band Transmitter: 400 MHz to 2 Port to 4-Port Liberade License (For WT)	/Hz 200 MHz (For WTX-35-A4) io 2700 MHz io 2700 MHz c-35-B2)		WTX-35-44 WTX-35-44-K39 WTX-35-84 WTX-35-82 WTX-35-82
Ordering Information Wide-band CW Transmitter: 300 to 3000 I Frequency Range License: 3000 MHz to 4. 4 port, Wide-band Transmitter: 400 MHz to 2 port, Wide-band Transmitter: 400 MHz 2 2-Port to 4-Port Uggrade License (Fer WT) -Portense License (License License)	AHz 200 MHz (For WTX-35-A4) to 2700 MHz to 2700 MHz 435-82) MHz (For WTX-35-82 or 84)		WTX-35-A4 WTX-35-A4-K39 WTX-35-B4 WTX-35-B2 WTX-35-R2 WTX-35-R24 WTX-35-R4V
Ordering Information Wild-band CW Transmitter: 300 to 3000 Frequency Range License: 3000 MHz to 44 d port, Wild-band Transmitter: 400 MHz to 2 port, Wild-band Transmitter: 400 MHz to 2 Port to 4-Port Uggrade License (For WT Frequency Range License: 2100 MHz to 40	AHz 100 MHz (For WTX-35-A4) 10 2700 MHz 10 2700 MHz 10 2700 MHz 10 2700 MHz 10 2700 MHz 10 25-B2 or B4) 10 0 MHz (For WTX-35-B2 or B4)		WTX-35-A4 WTX-35-A4-K39 WTX-35-B4 WTX-35-B2 WTX-35-B2 WTX-35-B4X WTX-35-B4X7 WTX-35-B4X7
Ordering Information Wild-band CW Transmitter: 300 to 3000 I Frequency Range License: 3000 MHz to 4. 4 port, Wild-band Transmitter: 400 MHz 2 port, Wild-band Transmitter: 400 MHz 3 Port to 4-Port Upgrade License; For WT Frequency Range License: 150 MHz to 40 Frequency Range License: 2700 MHz to 40 Frequency Range License: 2700 MHz to 40	HHz 00 MHz (for WTX-35-A4) 0 2700 MHz 0 2700 MHz 0 3700 MHz 0 470 20 MHz 0 472 582 or 84) 000 MHz (for WTX-35-82 or 84) 000 MHz (for WTX-35-82 or 84)		WDx35-A4 WDx35-A4-X39 WDx35-B4 WDx35-B2
Ordering Information Wede-band CW Transmitter: 200 to 3000 000 Frequency Range License: 3000 MHz to 4 d port, Wide-band Transmitter: 400 MHz to 2 prot. Vide-band Transmitter: 400 MHz 2 2 prot. to 4 -Part Uggrade License; (For WT Frequency Range License: 2 T00 MHz to 4 Prequency Damig License: 2 T00 MHz to 4 Prequency Dwelling (Hopping) Mode (For License) Constant (Fig. 4)	Altz 800 MHz (For WTX-35-A4) 2700 MHz 0 2700 MHz 0 2700 MHz 0 35-82) MHz (For WTX-35-82 or 84) 900 MHz (For WTX-35-82 or 84) WTX-35-82 or 84) within Bench Annen)		WTX-35-A4 WTX-35-A4 WTX-35-B4
Ordering Information Wide-band CW Transmitter: 300 to 3000 Wide-band CW Transmitter: 300 to 3000 Mide-band Transmitter: 400 MHz to 4 port, Wide-band Transmitter: 400 MHz 2 part to 4 APPT Upgend Lenner GF or W Frequency Range Lenner: 510 MHz to 40 Frequency Range Lenne: 5200 MHz to 40 Frequency Range Lenne: 2700 MHz to 40 Frequency David Depart Mode To 1 Th Band WCDMACV Transmitter See A	8Hz 200 MHz (For WTX:35-A4) 0 2700 MHz 2700 MHz 235-B2) 2700 MHz (35-B2) 0 MHz (For WTX:35-B2 or B4) 0 MHz (For WTX:35-B2 or B4) WTX:35-B2 or B4) allable Bands Above)		WTx35-A4 WTx35-A4 WTx35-B4 WTx35-B2 WTx35-B2 WTx35-B2 WTx35-B2 WTx35-B4 WTx35-B4 WTx35-B4 WTx35-B4 WTx35-B42 WTx35-B42 WTx35-B42 WTx35-B42 WTx35-B42 WTx35-B42 WTx35-B42 WTx35-F504 WTx32-F504
Orderlang Information Web-band CV Transmitter: 300 to 3000 Frequency Range License: 2000 MHz to 4 2 ppt rr, Web-band Transmitter: 400 MHz 4 ppt rr, Web-band Transmitter: 400 MHz 2 Ppt rube band Transmitter: 400 MHz 4 Ppt rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHz 4 Ppt rube rube band to 100 MHz 4 MHZ 4 Ppt rube rube band to 100 MHz 4 MHZ 4 Ppt rube rube band to 100 MHz 4 MHZ 4 Ppt rube rube band to 100 MHz 4 MHZ 4 Ppt rube rube band to 100 MHz 4 MHZ 4 Ppt rube rube band to 100 MHz 4 MHZ 4 Ppt rube rube band to 100 MHz 4 MHZ 4 Ppt rube rube band to 100 MHz 4 MHZ 4 Ppt rube rube rube band to 100 MHz 4 MHZ 4 Ppt rube rube rube rube rube rube rube rube	AHz 200 MHz (For WTX:35-A4) 20200 MHz 2200 MHz 27202 MHz 6:35-822 301 MHz (For WTX:35-82 or 84) 300 MHz (For WTX:35-82 or 84) 302 MHz (For WTX:35-82 or 84) 3332 302 MHz (For WTX:35-82 or 84) 3332 303 MHz (For WTX:35-82 or 84) 3332 304 MHz (For WTX:35-82 or 84) 3332 312 MHZ (For WTX:35-82 or 94) 3332		WT0:35:44 WT7x:35:44:09 WT7x:35:44:09 WT7x:35:44 WT7x:35:42 WT7x:35:42 WT7x:35:48:4 WT7x:35:48:47 WT7x:45:47:44 WT7x:45:47:44 WT7x:45:47:44 WT7x:45:47:44 WT7x:45:47:44 WT7x:45:47:44 WT7x:45:47:44 WT7x:45:47:44
Ordering Information Web-band CV Transmitter 300 to 3000 Frequent, Wangs License: Inotice 300 Frequent, Wangs License: Inotice 300 Apr. Wide-band Transmitter 400 Mits 2 port, Wide-band Transmitter 400 Mits 2 port, Wide-band Transmitter 400 Mits 10 Prequency Rangs License: 2700 Mits 100 Frequency Daning Lingenzy Buddet 100 Frequency Daning Lingenzy Buddet 100 Frequency Daning Lingenzy Buddet 100 Thi Band Charlo (Mits 100 Mits 100 Mith Lingenzy Daning Lingenzy Buddet 100 Mith Lingenzy Danis 100 Frequency 2005	AH2 500 MH2 (For WTX-35-44) 52700 MH2 52700 MH2 52700 MH2 52700 MH2 52700 MH2 528-82) MH2 (For WTX-35-82 or B4) 500 MH2 (For WTX-35-82 or B4) 500		WTX-35-A4 WTX-35-A4 WTX-35-A4 WTX-35-B4 WTX-36-C5H-3 WTX-36-C5H-3 WTX-36-C5H-3 WTX-36-C5H-3
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Consultix WTX-35B-2 or 4 Port CW Transmitter Data Sheet with all options



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