

BRAVO SERIES

Radio Links

MODEL BRAVO-TX



ORDERING INFORMATION

Model	Description
BRAVO-TX	Radio Link TX from 200 MHz to 2.5 GHz in step of 20 MHz. Please specify the operating frequency at the order.
BRAVO-TX-GHZ	10W Radio Link Transmitter 1,3 - 2,5 GHz (sub-band ± 5 MHz). Please specify the operating frequency at the order.
BRAVO-TX/20	20W Radio Link Transmitter 200-960 MHz (sub-band ± 10 MHz). Please specify the operating frequency at the order.
BRAVO-TX/30	30W Radio Link Transmitter 200-960 MHz (sub-band ± 10 MHz). Please specify the operating frequency at the order.

OPTION

/RDS-BRAVO-TX	RDS built-in. Option for BRAVO TX Series.
/SC-BRAVO-TX	Stereo decoder card. Option for BRAVO RX Series.



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FEATURES

PRIMARY APPLICATION: Link to carry audio signals to support sound FM radio broadband broadcasting.

RADIO LINKS TOPICS: optimal price/performance ratio recognized worldwide.

AUDIO PERFORMANCE: low distortion and intermodulation values, combined with a high noise/signal ratio, provide high performance also together with an integrated stereo coder with L&R, Mono, MPX (composite signal) analog audio and auxiliary SCA/RDS inputs. The stereo coder is available as an option.

HARDWARE FEATURES: extremely compact and indeformable thanks to their stainless steel chassis, in 1 rack units.

WORKING FREQUENCIES: standard working frequency bands is 200 MHz to 2.5 GHz . Working frequency (hence, the frequency band) must be specified on order.

USER-FRIENDLY FEATURES: universal 80-260 V multi-voltage power supply enables operation on different mains voltages with no need to preselect voltage. Pushbuttons for user/device interaction provide enhanced accessibility, resulting in extreme ease of use. Configuration software offers a simple, intuitive interface.

INTERFACE CONTROL: total control thanks to microprocessor with all key parameters displayed on LCD.

EASE OF MAINTENANCE: advanced module engineering ensures extreme ease of access and simple maintenance.

Parameters		Value	Notes
Frequency Range:		200-960 MHz <20MHz	Sub-band
Type of Modulation		FM Class F3	
VCO Tuning	MHz	25	
Frequency Stability	ppm	± 2,5	(Better On request)
Synthesizer Step	KHz	25	
Power Output		10W or 20W (-H)	
Spurious Emission		< -80 dB or better	
Harmonic Emission	dB	< -65	(-80 dB on request)
Stereo Separation		> 55 dB @ 1 KHz	
Distorsion		< 0.2% (TYP 00.8 %) @ 1KHz)	
Base Band		30 Hz - 60 KHz within 0.15 dB	
Unweighted S/N Ratio		> 72 dB rms at 30 Hz ~ 20 KHz	
Enphasis	µS	50 or 75	Selectable
RF Connectors	ohm	N-F 50	
Input Base Band Imp.	Kohm	2	
Input Mono Impedence	Ohm	600	
Cooling		Forced air	
OP. Temperature Range		0 ÷ +50°C	
Maximum Umidity	%	90	
AC Supply		100 ÷ 240 Volt; 47 ÷ 63 Hz	
Dimension		1 Units Rack 19" 44 cm Depth	
Weight	Kg	6.8	

All pictures are RVR's property and they are only indicative and not binding. The pictures can be modified without notice. These are general specifications. They show typical values and are subject to change without notice.



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