



ISO 9001
BUREAU VERITAS
Certification



Radio Link ST501.4

Frequency range	1.500-2.500 MHz (20MHz sub-band)	
Type of modulation	FM Class F3	
VCO tuning	25 MHz	
Frequency stability	± 2,5ppm (Better on request)	
Synthesizer step	25KHz	
Power output	1 or 5 Watts	
Image rejection		60dB Typ
Spurious emission	< -80 dB or better	
Harmonic emission	< -65 dB (-80 dB on request)	
RN noise figure		6dB or lower
Stereo separation	> 55 dB @ 1KHz	> 45 dB @ 1 KHz
Distortion	< 0.2% (Typ 0.08 %) @ 1KHz)	< 0.5% (Typ 0.2 % @ 1KHz)
Base Band	30 Hz - 60 KHz within 0.15 dB	30 Hz - 60 KHz within 0.08 dB
S/N Ratio	> 72 dB rms at 30 Hz ~ 20 KHz	> 72 dB with 0.2 mV input (Typ 78 dB)
Pre-emphasis	50 or 75 μS selectable	
RF Connectors	N (50 ohm)	
B. Band-IF Conn.		BNC (50 ohm)
Input Base Band Imp.		2 Kohm
Base-Band Impedance		< 30 ohm
Input Mono Impedance	600 Ohm	
Operating Temperature	0°C to +45°C	
Maximum humidity	90% RH, non-condensing	
AC Input	100 ÷ 240 VCA; 47 ÷ 63 Hz	
Dimensions	43.6 mm H x 483 mm W x 440 mm D (1.75" H x 19" W x 17.3" D)	
Weight	6.8 Kg	6.2 Kg

Features and specifications are subject to change without notice.



Seratel Technology

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