

WISI VT 51 A

HMS-Transponder



Description

The VT 51 A HMS Transponder provides control and monitoring capabilities to the WISI node and amplifier portfolio (1 GHz series).

At a glance:

- For Compact Amplifiers VX 5x(A); LR54(A); LR43(A,C,D)
- Hardware compliant with SCTE HMS physical layer ANSI/SCTE 25-1
- Software compliant with SCTE HMS-MAC layer ANSI/SCTE 25-2
- Update capability over HMS RF layer
- Advanced and customizable Automatic Channel

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Technical data

Downstream

Frequency range	48...162 MHz
Frequency tuning	fully agile, 100 kHz steps
Impedance	75 Ω
Input level	40...80 dB μ V
Return loss	> 12 dB
C/N for BER <10-6	20 dB
Modulation	FSK
Deviation	$\pm$ 67 kHz
Data format	asynchronous, NRZ
Data rate	38,4 kbit/s

Upstream

Frequency range	5...21 MHz
Frequency tuning	fully agile, 100 kHz steps
Impedance	75 Ω
Output level	85...105 dB μ V (2 dB-steps)
Return loss	> 12 dB
Level accuracy	$\pm$ 3 dB
Spurious radiation	> 55 dBc
Frequency accuracy	$\pm$ 10 kHz
Modulation	FSK
Deviation	$\pm$ 67 kHz
Data format	asynchronous, NRZ
Data rate	38,4 Kbps

General data

Craft interface for local control	D-Sub 9
Backplane Connector to VX board	2 x 5 Pins
Ambient temperature	-40...+85 °C
Power supply	5...24 V
Power consumption	2 W

Sales unit	1 pcs.
Dimensions (WxHxD) sales unit	197 x 230 x 75 mm
Packaging volume sales unit	dm ³
Gross weight sales unit	0.5 kg
Shipping unit	pcs.
Dimensions (WxHxD) shipping unit	mm
Packaging volume shipping package	dm ³
Gross weight shipping unit	kg
EAN	4010056167523
Article number	16752
Customs tariff number	85439000