

### V5-400QT High performance QUATTRO LNB for IRS installations

- Excellent low noise performance as low as 0.3dB
- High polarity isolation
- Pre-emphasised gain slope to overcome long cable run signal loss
- Advance filtering to improve performance
- Low oscillator phase noise
- Colour coded cable connections to match UK protocol



Model		V5-400QT
Input Frequency	Low-band / High-band	10.70 – 11.70GHz / 11.70 – 12.75GHz
Output Frequency	Low-band / High-band	950 – 2150MHz
Noise figure		0.3dB typical
Gain		50-60dB
Gain ripple	26MHz bandwidth	< ± 0.5dB
Low-band		<5dB typical
High-band		<5dB typical
Local Oscillator frequency		Low-band 9.75GHz : High-band 10.60GHz
Local Oscillator Phase noise		-65dBcHz 1KHz, -95dBcHz 10KHz, -110dBcHz 100KHz
Local Oscillator stability setting/aging		±1MHz typical, ±3MHz max
Isolation	Cross-polar	>30dB
	High – Low band	>30dB
Operating Temp °C		-40°C to +70°C
Power requirement		8V to 19V DC 185mA typical
Output Configuration		H Hi Output 1 Yellow
		H Lo Output 2 Green
		V Hi Output 3 Red
		V Lo Output 4 Black
Dimension / weight		198mm x 80mm x 64mm
Mounting		40mm

*In the interests of continued product development & improvement, Vision Products (Europe) Ltd reserves the right to change product specifications, design & dimensions. Data correct at time of going to press 30/06/2008*