



VISION® Datasheet

V85-IRS LC Universal Quattro Band LNB 124684

High performance IRS system LNB designed and optimised for Hybrid, Legacy dSCR installations.

- Very low current consumption <75mA @13VDC
- Signal Level optimised for 78~80dBμV
- Very Low Noise figure
- 18mm pitch between connectors
- High Cross Polar rejection
- Connector Rain shield
- Excellent 950MHz out of band rejection, which means the terrestrial noise floor is reduced and results in improved signal MER performance
- Excellent Phase Noise performance
- Optimised with V80-80cm Vision Dish



Model	V85-IRS LC 124684
Input Frequency	10.7—11.70GHz / 11.70 – 12.75GHz
Output Frequency	950 – 2150MHz
Noise Figure	Low Noise
Legacy Oscillator frequency	Low Band 9.75GHz / High Band 10.6GHz
Legacy Oscillator Phase Noise Rejection	>95dB@100kHz
Isolation Cross-polar	>20dB
Isolation High—Low Band	>30dB
Output Level	78~80dBμV optimised
Operating Voltage	12-22VDC
Current Consumption	75mA@13VDC
Pitch between Connectors	18mm
Output Configuration Colour Coded	Output 1: H Lo Green Output 2: H Hi Yellow Output 3: V Hi Red Output 4: V Lo Black
Mounting Collar	40mm (Bracket Position next to body of LNB for optimal performance)
Operating Temperature	-30°C to +70°C
Dimension HxWxD (mm) / Weight g	112 x 135 x 50mm 235g
Box Dimensions HxWxD (mm) / Weight g	62.5 x 12.2 x 144.5mm 36g

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