



Pro

Single Triple-feed Monoblock 23mm LNB for 85cm dish with 40mm adapter 13°E (SAT B) + 16°E (SAT A) + 19.2°E (SAT C) IDLM-SINM410-TRPMN-8PN

ltem: 6053

This Triple Feed LNB is a monoblock LNBF for Ku-band satellite reception from orbital positions $13^{\circ}E$, $16^{\circ}E$ and $19.2^{\circ}E$ in Central European countries. It is intended to be installed with commercially available 85cm offset satellite dish antennas with F/D = 0.6.

The LNB receives satellite broadcasts with horizontal and vertical polarizations within the $10.7 \sim 12.75$ GHz frequency range. It provides one switchable IF port with $950 \sim 2150$ MHz output frequency range. The output F-type port carries also power supply and control signals. DiSEqC 1.0 commands allow switching the output to a particular band and orbital satellite position.

The DiSEqC satellite positions are the following: "Sat A" corresponds to 16°E (the middle feed), "Sat B" to 13°E and "Sat C" to 19.2°E. As long as no DiSEqC command has been received, the default feed is of the "Sat A" position (i.e. 16°E). The LNB comprises three feeds, one for each satellite orbital position.

The LNB is supplied with a 40 mm plastic ring adapter to allow mounting onto a 40 mm LNB holder.

The DISEqC positions (A/B/C) and the respective orbital positions ($16^{\circ}E/13^{\circ}E/19.2^{\circ}E$) are marked on the LNB housing.







Technical data

Low band input frequency range Low band output frequency range Low band LO frequency High band input frequency range High band output frequency range High band LO frequency Conversion gain Gain variation (over full band) 1 dB compression point (@ output) Noise fiaure LO Initial accuracy LO temperature drift LO phase noise @ 1 kHz LO phase noise @ 10 kHz LO phase noise @ 100 kHz Cross polarization isolation In band spurious level Control, Satellite A/B/C Selection

Control, Polarization and band selection

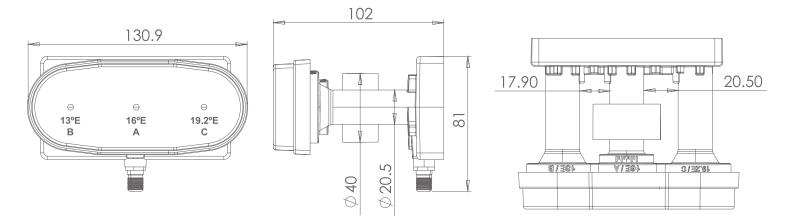
Output VSWR Current consumption Operating temperature Output impedance Output connector type Recommended Dish Size Dish F/D ratio Weight

Logistical info

Packaging dimensions (W x D x H) Packaging weight Quantity per carton Carton dimensions (W x D x H) Carton weight Quantity per pallet

10.7 GHz ~ 11.7 GHz 950 MHz ~ 1950 MHz 9.75 GHz 11.7 GHz ~ 12.75 GHz 1100 MHz ~ 2150 MHz 10.6 GHz 55 dB ~ 65 dB min. 6 dBpp max. 0 dBm min. 1.0 dB max. ±0.5 MHz max. ±1.0 MHz max. -60 dBc/Hz -80 dBc/Hz -90 dBc/Hz 22 dB min. -60 dBm max. DiSEqC 1.0: Sat A* = Eutelsat 16°E (middle feed), Sat B = Hotbird 13°E, Sat C = ASTRA 19.2°E (*Default Satellite Reception) Horizontal polarization: 18 VDC Vertical polarization: 13 VDC Low band: 0 kHz High band: 22 ±4 kHz 2.5 : 1 max. 150 mA max. (10 VDC ~ 20 VDC) -30 °C ~ +60 °C 75 Ω (F-type) F-Type (female) 85 cm F/D = 0.6335 g

13,7 cm x 8,5 cm x 10,8 cm 0,375 kg 32 pcs 45 cm x 36 cm x 29,5 cm 0.7 kg 1152 pcs



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