



Variable Gain/LO Downconverter

FEATURES

Class-leading Noise Figure

Switchable High Gain maximises IF cable lengths

Variable LO (low-side and high-side)

Powers direct from DTC (Cobham) and Vislink COFDM receivers

Low power consumption

Weatherproof

LED status indicator

Easy mounting

Connectors

RF out	N(f) – Ntype via optional Bracket
IF in	BNC(f) or DIN 1.0/2.3 Female (see product codes)

RF Parameters

2000-2700 MHz	DCVLO-200270
3200-3900 MHz	DCVLO-320390
4400-5000 MHz	DCVLO-440500
5500-6000 MHz	DCVLO-550600
6400-7100 MHz	DCVLO-640710
6800-7500 MHz	DCVLO-680750

Product Codes

Maximum input power	1mW (0dBm)
Frequency range (IF)	160-860 MHz
Noise figure @ 18 °C (typ.)	1.0dB, max. 1.3dB
High Gain @ 25 °C (typ.)	35dB
LO accuracy @ 18 °C	+/- 2ppm
LO frequency stability	+/- 3ppm

Powering

Supply voltage	+9 to +18VDC (via BNC conn)
Current consumption typ.	150-250 mA

Environmental

Operating temp	-20 ... +55 °C
Case	milled aluminium
Dimensions (mm)	92×84×30

