

IDLP-40UNIQD+S

An Inverto PRO series High Performance Unicable
40mm Quad LNB

- Low phase Noise HDTV-DVBS2 compliant
- Low Noise figure of 0.2 dB
- Low Power consumption
- Very high Cross-Pole performance
- Very high Frequency stability
- 5 years warranty



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No.	ITEM	SPECIFICATION	UNIT
1	Low Band I/P Frequency Range	10.7 ~ 11.7	GHz
2	LO Frequency	9.75	GHz
3	Noise Figure	1.3 [max.]	dB
4	High Band I/P Frequency Range	11.7 ~ 12.75	GHz
5	LO Frequency	10.6	GHz
6	Noise Figure	1.3 [max.]	dB
7	LO Initial Accuracy	± 1.0	MHz
8	LO Temperature Drift	± 2.5	MHz
9	LO Phase Noise @ 10K Hz	-80[min]	dBc / Hz
10	Conversion Gain	57 [min.]	dB
11	Gain Variation	± 0.75	dB/36 MHz
12	Image Rejection	40 [min.]	dB
13	Cross-pole Isolation	20 [min.]	dB
14	O/P 1 dB Compression Point	0.0 [min.]	dBm
15	O/P VSWR	2.5 : 1	~
16	Output Impedance	75	Ω (F-Type)
17	IF Channel bandwidth	60	MHZ
18	Output IF Channel 1 (SCR0)	1680	MHZ
19	Output IF Channel 2 (SCR1)	1420	MHZ
20	Output IF Channel 3 (SCR2)	2040	MHZ
21	Output IF Channel 4 (SCR3)	1210	MHZ
22	Channel isolation	20 [typ.]	dB
23	SCRs' control	LNB0=>13V/0K , LNB1=>13V/22K (V)	
24	SCRs' control	LNB2=>18V/0K , LNB3=>18V/22K (H)	
25	Control Signals	Diseqc.-ST	
26	DC Power	13.5v @280mA[max]	V/mA
27	Working Temperature	- 30 ~ + 60	
28	Weight	400	g
29			
30			

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For purpose of brevity, some product descriptions in this sheet remain at platform level and may not be referred to as detailed datasheets of the products. Inverto reserves the right to amend, omit or add products, product-lines, and/ or features without notice.

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