

BUC-KA-1-26.55



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Ka

DVB-S/S2

1 W

47 dB

10 MHz

WR28

BUC-Ka-1-26.55 is designed for MVDS TV broadcasting systems application in accordance with DVB-S/S2 or DVB-C and operates with up to 25 carriers. BUC-Ka-1-26.55 has output flange of PG599/U type (in accordance with WR28) and can be used with regular radio-relay link ([directional](#)) or broadcast ([sector](#) and [OMNI](#)) antennas.

BUC-Ka-1-26.55 supports all modulation types up to 32APSK and 256QAM. BUC-Ka-1-26.55 has the best linearity parameters to ensure the stability of the output frequency and low IMD3 level. BUC-Ka-1-26.55 has input frequency range of 950-1450 MHz (L-band) and provides 27.5-28.5 GHz output frequency range (Ka-band).

	MHz	950 – 1950
	Ohm	50
	dBm	-2
VSWR		1.5
		N-type, female
ALC	dB	25

ALC dBm	-27
LO GHz	26.55
LO dBc/Hz :	
@1 kHz	-80
@10 kHz	-85
@100 kHz	-100
LO ppm	± 2
GHz	27.5-28.5
@P1dB W	1
ALC mW	100
dB	47
IMD3 ALC dBc	-37
	waveguide WR28, flange PG599/U
VSWR	2
dB	± 1.5
P1dB	-55
dBm	-30

LO	ALC dBm	-40
	dB	60
	VDC	18-30 (nominal 24)
	W	20
	°C	-40 ... +50
	°C	-60 ... +80
	%	100 (non-condensing)
	(W x H x D) mm	116x49x91
	kg	0.86

(UMT LLC)

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