



**SD TA282-T** Dual Trunk Amplifier

- Gain 24 dB @ 1750 MHz
- LNB Powering 14V / 19V
- Weather sealed Die-Cast Housing
- F-Connector Power Input
- 100 to 240 VAC supply

Parameter	UNIT	TA282-T
Operating Frequency Range	MHz	250 - 2150 DBS
	kHz	22 (Communication Channel)
	DC	13 to 20 V
IM2 / IM3 2 carriers		IM3 ΔF 6 MHz, IM2 ΔF 400 MHz
250 to 2150 MHz (-2 dBm Out)	dBc	> 45
Number of Input / Output Ports	Each	(1) F
Input / Output Return Loss		
	250 to 2150 MHz	dB
Gain / Loss	Note	
250 MHz	dB	13 minimum
950 MHz	dB	18 minimum
1750 MHz	dB	24 minimum
2150 MHz	dB	25 minimum
Flatness @ 25 MHz	dB	± 0.5
Isolation Output 1 to Output 2	dB	30 Minimum
Noise Figure	dB	< 7 dB
External Power Supply		
Rated Input Voltage	Vac	100 to 240
Rated Input Frequency	Hz	47 to 63
Nominal DC Output Voltage	Vdc	20
Rated load current	A	1 max
LNB Voltage @ Input 1	Vdc	19
LNB Voltage @ Input 2	Vdc	14
DC Power pass (Output to Input)	mA	750 (max)
DC Resistance	OHM	0.2 Max
DC Power Indication	Each	Green LED
Power Consumption	mA	240
DISEQC Frequency	kHz	17.6 to 26.4
DISEQC Device Impedance	OHM	1000 Minimum
DISEQC Through Impedance	OHM	1 Maximum
Dimensions L x W x H	mm	85 x 29 x 16
Environmental Requirements		
Operating Temperature range	°C	-34 to + 60 Indoor / Lock box
Humidity		Shall survive 95% relative humidity over operating temperature

Revised Jan 17 2012