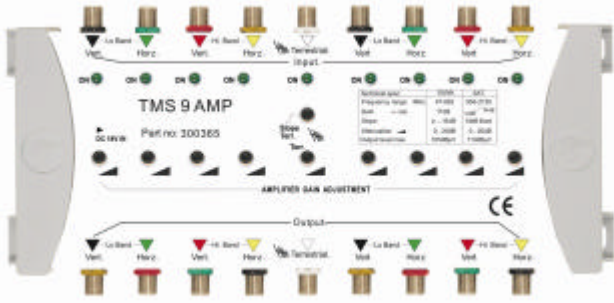


Line Amplifier (For 8 x SAT and 1 x TER)	TMS 9 x C Series
 <p>The image shows the front panel of the TMS 9 AMP. It features 9 input connectors at the top: 8 satellite (4 LNB, 4 HVB) and 1 terrestrial (TERR). Below these are 9 output connectors at the bottom. A central control panel includes a rotary switch for 'AMPLIFIER GAIN ADJUSTMENT' and a 'Slope test' button. The unit is labeled 'TMS 9 AMP' and 'Part no. 300365'. A CE mark is visible on the right side.</p>	<p style="text-align: center;"><b>TMS 9 AMP</b> P/N: 300365</p>

## General description:

Triax TMS 9 AMP is an easy to install Line Amplifier to be used with the TMS 9xC Series multiswitch products. It is used to amplify the satellite and terrestrial signals to compensate for cable losses in the system.

The TMS 9 AMP has 8 x satellite line amplifiers with 14-24 dB amplification each (fixed 10 dB) and one terrestrial line amplifier with a 17 dB amplification. The terrestrial amplifier also has an adjustable slope of 2-15 dB. Separate attenuators allows 0-20 dB adjustable attenuation on the terrestrial and satellite signals.

All input connectors are color coded to avoid installation errors and make the installation an easy and simple task.

The TMS 9xC Series family also comprises the TMS 9x4C, TMS 9x6C and TMS 9x8C units allowing installers to build larger cascaded systems with many subscriber outputs. Please see separate specification sheets.

TYPE		TMS 9 AMP	Unit
Partnumber		300365	
Input/Output lines	TER	1 input and 1 output	
	SAT	8 inputs and 8 outputs	
Connectors		F-connector, female	
Frequency range	TER	47 to 862	MHz
	SAT	950 to 2150	MHz
Gain	TER	17 ±2	dB
	SAT	14 ±2	dB
Adjustable attenuator	TER	0 to 20	dB
	SAT	0 to 20	dB
Slope	TER	2 to 15 (adjustable)	dB
	SAT	10 (fixed)	dB
Max. output level	TER (IMA <sub>3</sub> 60 dB)	105	dBμV
	SAT (IMA <sub>3</sub> 35 dB)	110	dBμV
Return loss		10	dB
Input/output impedance		75	Ohms
LNB Power Supply		4x14 VDC+4x18 VDC, max 800 mA	VDC
Power Consumption		400	mA
Supply voltage		18V (via DC plug or via trunk)	VDC
Colorcoding of IF and Ter inputs		Vertical Lo: Black Vertical Hi: Red Horizontal Lo: Green Horizontal Hi: Yellow Terrestrial : White/Clear	
Dimensions l x h x w		?	mm

Also available :

- 300309: TMS 5 PSU, Power Supply/Inserter, European Power plug, (2x)
- 300311: TMS 5 PSU, Power Supply/Inserter, UK Power plug, (2x)
- 300364 : TMS 9x4C, Multiswitch, 8 polarities + terrestrial, 4 subscriber output.
- 300366 : TMS 9x6C, Multiswitch, 8 polarities + terrestrial, 6 subscriber output.
- 300368 : TMS 9x8C, Multiswitch, 8 polarities + terrestrial, 8 subscriber output.