

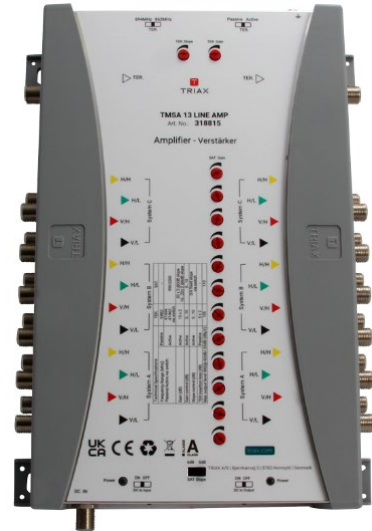
## TMSA 13 Line Amplifier

Article No.318815

(EU version)

Our wide range of amplifiers will compensate for the cable loss in your designed multiswitch systems. TMSA 5 amplifiers are available as Launch and Line Amplifiers and can be powered directly via their DC input port, or line powered via all Sat lines. UK variants are equipped with earth bars and have a different SAT signals order.

TMSA 9, 13 and 17 Line Amplifiers can be powered directly via their DC input, or line powered via any of their Sat ports.



Features	EU version	TMSA 13 LINE AMP
<b>Art. no.</b>	<b>EU version</b>	<b>318815</b>
Frequency range	TER passive	5-862 MHz
	TER active	47-694 MHz / 47-862 MHz via 2 position switch
	SAT	950-2200 MHz
Inputs SAT + TER (F-Features connectors)		13
Outputs SAT + TER (F-Features connectors)		13
Gain	TER active	15 ± 2dB
	SAT	20 ± 2dB @0dB slope or 16...22dB ± 2dB @6dB slope
Insertion loss	TER passive	5dB
Gain control	TER active	0...10dB
	SAT	0...10dB
Slope control	TER active	0...10dB
	SAT	0dB or 6dB fixed slope
Isolation TER-SAT		>30dB
Return loss TER / SAT		>10dB
Max. Output level	TER Active (IMA <sup>3</sup> 60dB) / SAT (IMA <sup>3</sup> 35dB)	105dBμV / 110dBμV
Current consumption		600mA max. @18V DC
DC to LNB / Max. current to LNB		18V (15-20V) / 3A
External DC injection	DC IN (F) to SAT IN or SAT OUT	YES switchable
	DC IN (F) to TER	No
External DC injection max. current		3A
Max. current pass per SAT line		2A
Operating temperature		-20...+55°C
Dimensions (H x W x D)		175 x 255 x 65mm
Weight		590g