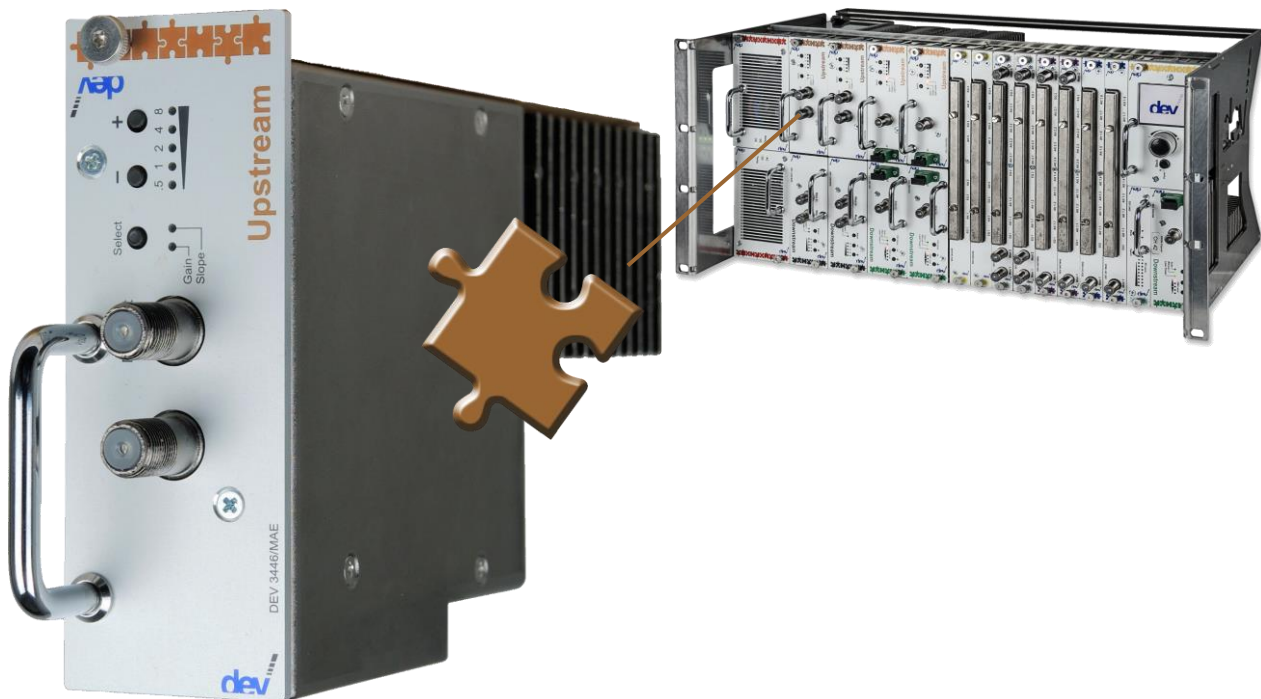
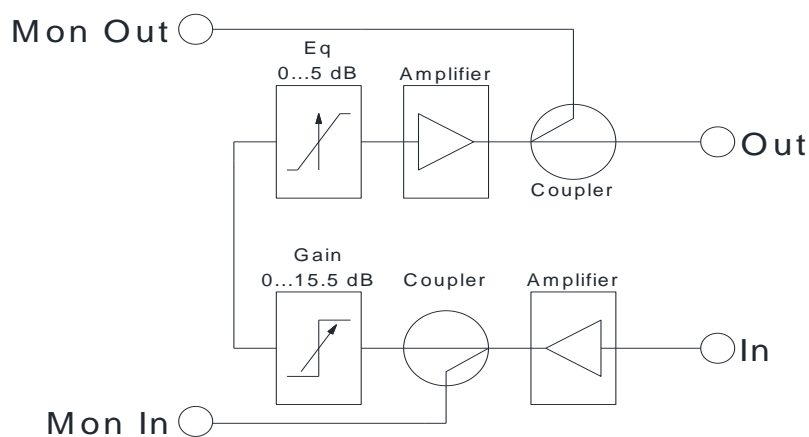


DEV 3446/MAE - MODULO Upstream Amplifier



Features:

- ▀ Module 2.5 RU; 2 Slots
- ▀ In- and Outputs at the Rear
- ▀ Monitor Port for In- and Output at the Front
- ▀ Local Control of Gain and Slope
- ▀ Low Noise
- ▀ Docsis3.1 Ready



Technical Data DEV 3446/MAE

	Value	Condition
RF Specification		
Frequency Range	5...204 MHz	
Impedance	75 Ohm	
Connectors	F (f)	
Damage Composite Input Level	113 dB μ V	
Maximum Composite Input Level	88 dB μ V	
Maximum Composite Output Level	118 dB μ V	@ 30 dB gain
Adjustable Gain	15...30.5 dB	
Flatness	≤ 1.0 dB ≤ 0.1 dB	5...204 MHz In any 8 MHz window
Adjustable Slope (EQ)	0...5 dB	204/5 MHz
Return Loss (all Ports)	≥ 18 dB, typ. ≥ 20 dB	
Input Monitor Port	-20 \pm 0.75 dB	Note 1
Flatness Input Monitor Port	≤ 1 dB	Note 1
Output Monitor Port	-20 \pm 0.75 dB	Note 1
Flatness Output Monitor Port	≤ 1 dB	Note 1
Noise	≤ 7.5 dB ≤ 5.5 dB ≤ 4.0 dB ≤ 3.5 dB	@ 15 dB gain @ 200 MHz @ 20 dB gain @ 200 MHz @ 25 dB gain @ 200 MHz @ 30 dB gain @ 200 MHz
BER	$\leq 10^{-9}$	Note 2
General Specification		
Operating Voltage	24 VDC	
Power Consumption	≤ 9 W	
Size	1.57" (40 mm) Width, 2.5 RU (110 mm) Height, 8.86" (225 mm) Depth	
Weight	~ 1.6 kg	
Environmental Conditions	ETS 300019 Part 1-3 Class 3.1E	
Operating Temperature	0...50 °C (32...122 °F)	
Storage Temperature	-40...+70 °C (-40...+158 °F)	
Storage Humidity	5...95 %	Non-condensing
Noise Immunity & Radiated Disturbance	EN 50083-2	

Note 1: Output port terminated with 75 Ohms

Note 2: 24 * QAM 256 channels, slope 0 dB, Pout max. 104 dB μ V/Ch

Order Information

Product	
DEV 3446/MAE	MODULO Upstream Amplifier; 5...204 MHz; 75 Ohm, F (f); 2.5 RU, 2 Monitor Ports, MGC and Adjustable Slope

Contact

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Technical specifications are subject to change