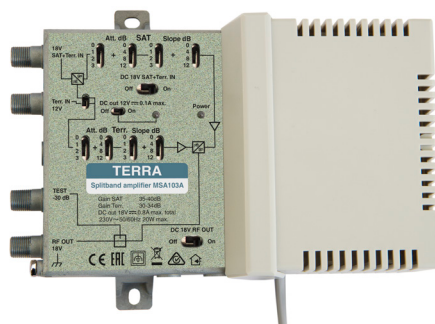




5 cable dSCR system

Launch splitband amplifier

- for amplification signals of SAT IF and terrestrial TV bands
- switchable input configuration SAT + Terr or SAT & Terr
- 16 positions discrete gain and slope regulators for terrestrial TV
- 16 positions discrete gain and slope regulators for SAT IF
- robust die-cast housing
- connectors:
RF inputs/outputs - type F



Technical specifications		
T Y P E		MSA103A
Ordering number		03720
Frequency range	Terr. TV	47-790 MHz
	SAT IF	950-2400 MHz
Gain (fixed slope pre-correction)	Terr. TV	30-34 dB
	SAT IF	35-40 dB
Gain adjustment	SAT IF	15 dB by 1 dB step
	Terr. TV	15 dB by 1 dB step
Slope adjustment	Terr. TV	15 dB by 1 dB step
	SAT IF	15 dB by 1 dB step
Input and output return loss		≥ 12 dB
Output level	Terr. TV	115 dBμV IMD3=60 dB, 2 equal carriers
	SAT IF	120 dBμV IMD3=35 dB, 2 equal carriers
Noise figure	Terr. TV	7 dB
	SAT IF	8 dB
Output test point		-30 dB
DC feeding for external, switchable	Terr. TV	12 V 100 mA, max.
	SAT IF	18 V 0.8 A, max.
Power consumption*		230 V~ 50/60 Hz 3.5 W
Operating temperature range		-20° ÷ +50° C
Dimensions/Weight (packed)		180x135x52 mm/0.62 kg

* without external DC feeding, with external DC feeding 20 W

