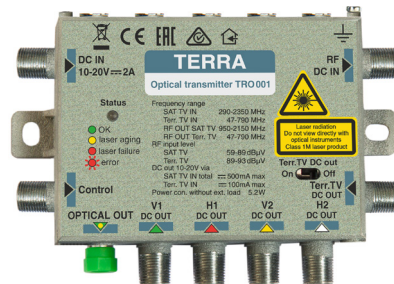




1 SAT IF distribution equipment

Multi-input stand alone optical transmitter

- compact optical transmitter offering optimal price-performance ratio
- control and configuration according EN 50494/EN 50607 with programmer PC102W
- 4 SAT and DTT inputs with DC by pass for remote feeding
- RF and optical outputs
- LED indication of laser diode aging
- robust die-cast housing
- connectors:
RF & DC input - type F
optical - FC/APC



Technical specifications		TRO001*
T Y P E		TRO001*
SAT IF inputs	number	4
	frequency range	290-2350 MHz
	level (AGC range)	59-89 dBuV (per transponder)
	external remote feeding	10-20 V 500 mA max. total
DTT input	number	1
	frequency range	47-790 MHz
	level, 8 transponders	89-93 dBuV (per transponder)
external remote feeding		10-20 V 100 mA max. switchable
	Output frequency range	SAT IF Terr.TV
User band bandwidth		20-60 MHz**, configurable
Number of user bands		32 max.**, configurable
RF output level	SAT IF	75 dB μ V
	Terr.TV	80 dB μ V
Optical output	parameters of laser	see ordering information*
	return loss	> 45 dB
Supply voltage		10 V...20 V
Current consumption without external load		20 V 0.26 A
Power consumption without external load		5.2 W
Operating temperature range		-20° ÷ + 50° C
Dimensions/Weight (packed)		116x84x26 mm/0.28 kg

* ordering information:

Type	Laser	Ordering number
TRO001 6F31	6 dBm FP 1310 nm	03807
TRO001 6D55	6 dBm DFB 1550 nm	03813

Lasers with other optical wavelength are supplied by request.

** control and configuration with programmer PC102W