



1 SAT IF distribution equipment

Optical receiver

- compact optical receiver of SAT IF and DTT signals
- optimal price-performance ratio
- AGC based on RF signal output level
- LED indication of RF signal level
- robust die-cast housing
- connectors:
DC IN & RF output - type F
DC AUX - 3.5/1.3 mm DC jack
(reducer 5.5/2.1 mm in scope)
optical - FC/APC



Technical specifications		
T Y P E		OD007
Ordering number		03805
Optical input	optical wave length	1100-1600 nm
	optical input level * (AGC range)	-15 ÷ 0 dBm
	optical return loss	> 40 dB
	noise current density	≤ 7.0 pA/√Hz
RF output	frequency range	47-2400 MHz
	impedance	75 Ω
	return loss	≥ 14 dB at 40 MHz -1.5 dB/oct., but not less 10 dB
	frequency response	± 1.5 dB
Output level (AGC range) for 30 SAT IF transponders		70 dBμV (per transponder); 85 dBμV (total power)
Supply voltage		10 V...20 V
Current consumption		60 mA max.
Operating temperature range		-20° ÷ + 50° C
Dimensions/Weight (packed)		71x39x19 mm/0.08 kg

* optical input signal 4.9% OMI, 1310 nm, 30 SAT IF transponders

Power supply

- switch-mode technology
- short circuit and overload protected



Technical specifications		
T Y P E		SYS1381-1212-W2E
Ordering number		00635
DC output		+12 V 1 A max.
Mains voltage		100 V÷ 240 V~ 50/60 Hz
Operating temperature range		0° ÷ +40° C
Dimensions/Weight (packed)		63.6x29.5x45.6 mm/0.091 kg