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## SMATV optical transmitter, 1RU rack 19"

1310 nm, Po 10 dBm

Produces an optical signal in the 1310 nm-window modulated by the input RF SMATV signal (47 MHz- 2400 MHz). The optical output power is 10 dBm.

Perfect for RFoG / RF Overlay solutions.

**Ref.769903**

**Art.Nr**

U19OS1310

**EAN13**

8424450197752

### Highlights

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prueba

### Main features

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- Very low equivalent noise conversion
- Easy to install and use
- High energy efficiency
- SC/APC optical connectors, and F-type connectors for RF

## Technical specifications

|                      |                               |                             |                        |
|----------------------|-------------------------------|-----------------------------|------------------------|
| <b>RF parameters</b> | RF frequency range            | MHz                         | 47... 2400             |
|                      | RF input level (AGC: ON)      | dB $\mu$ V/dBmV             | 75...90 / 15...30      |
|                      | SAT input level (AGC: ON)     | dB $\mu$ V/dBmV             | RF - 10dB              |
|                      | RF manual gain adjust         | dB                          | 0 ... 14 (steps 2 dB)  |
|                      | CAG control                   | dB                          | 20                     |
|                      | Flatness (47...1218MHz)       | dB                          | $\pm$ 0,5              |
|                      | Flatness (950...2400MHz)      | dB                          | $\pm$ 2                |
|                      | Return losses (47...1218MHz)  | dB                          | $\geq$ 10              |
|                      | Return losses (950...2400MHz) | dB                          | $\geq$ 7               |
|                      | Impedance                     | Ohm                         | 75                     |
|                      | CSO (CENELEC 42)              | dB                          | $\geq$ 60              |
|                      | CTB (CENELEC 42)              | dB                          | $\geq$ 60              |
|                      | C/N                           | dB                          | >50                    |
| <b>Optical</b>       | Laser                         | type                        | MQW-DFB                |
|                      | Wavelength                    | nm                          | 1310 $\pm$ 10          |
|                      | Optical power                 | dBm                         | 10                     |
| <b>General</b>       | RF connectors                 | type                        | F female               |
|                      | Optical connectors            |                             | SC/APC                 |
|                      | Supply voltage                | VAC                         | 99 - 253               |
|                      | Frequency                     | Hz                          | 50/60                  |
|                      | Power consumption             | mA                          | 110                    |
|                      | Operation temperature         | $^{\circ}$ C / $^{\circ}$ F | -5.....45 / 32.....113 |