ARGUS® Optical Loss Test Set (OLTS)

Get your ARGUS® ready for the future and expand it with the new Optical Loss Test Set (OLTS). An OLTS calculates the signal loss (attenuation) in fiber optic cables and evaluates the quality of data transmission. It enables precise calculations of optical attenuation in both directions to support installation, maintenance and troubleshooting in fiber optic networks. The OLTS is available for the ARGUS® 300, 260, F300, F240 and F200 devices with 3xOPM. For ARGUS® 300, 260 and 163, the ARGUS® Optical Power Meter is also required. The OLTS enables level measurement for an adjustable wavelength with attenuation calculation in relation to a reference value. The Optical Light Source is available with either two (1310 & 1550 nm) or four wavelengths (1310, 1490, 1550 & 1625 nm).

Optical Light Source (OLS)

The Optical Light Source transmits an identifier that the ARGUS® F300, F240 and F200 can detect and evaluate. With the ARGUS® 300 and 260, the identifier is detected and evaluated by the OPM. The OLS always transmits with the same, fixed transmission power. The ARGUS® 300, 260, F300, F240, F200 and 163 automatically detect the wavelength at which transmission is taking place and display the attenuation. The OLS can switch through the wavelengths one after the other.

Specifications:

- **Wavelength: 1310 nm, 1490 nm, 1550 nm + 1625 nm (±10 nm)**
- **Stability:**
  - **Short term (15 minutes): 1310 nm < ±0.05 dB**
    1490 nm < ±0.10 dB
    1550 nm < ±0.05 dB
    1625 nm < ±0.10 dB
  - **Long term (5 hours): 1310 nm < ±0.10 dB**
    1490 nm < ±0.20 dB
    1550 nm < ±0.10 dB
    1625 nm < ±0.20 dB
- **Connector: SC/APC with dust protection and protection against loss**
- **Spectral width: 1 nm**
- **Frequency: 270 Hz, 1 KHz, 2 KHz**
- **Auto wavelength: protocol-based wavelength and TX power transmission**
- **Power: -5 dBm ±0.5 dB**
- **Auto power off / Backlight: yes**
- **Power supply: 2x Ni-MH AA (2500 mAh), AC/DC charger**
- **Dimension (L x W x H): 160 x 76 x 45 mm**
- **Net weight: 270 g**
- **Accessories: AC/DC charger, 2x AA battery**



ARGUS® Optical Power Meter (OPM)

The powerful and high-precision ARGUS® Optical Power Meter in the SFP form factor measures optical power in fiber optic networks (e.g. GPON). The power level is displayed live and can be stored in the device as a measurement protocol.

- **Measuring range: from -60 to +6 dBm**
- **Accuracy: ± 0.25 dB**
- **Wavelength range: 850 to 1675 nm**
- **GPON wavelengths: 1310 nm, 1490 nm and 1550 nm**
- **Optional Calibration at 1310, 1490 and 1550 nm (-20 dBm), 20 °C**
- **Connector: SC (compatible with APC and UPC)**

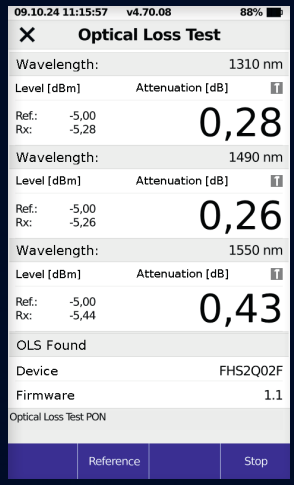
Expand your ARGUS® now with the **Optical Loss Test incl. 2λOLS** (SW option Optical Loss Test & OLS with 1310 & 1550 nm; Art. no.: 020061) or the **Optical Loss Test incl. 4λOLS** (SW option Optical Loss Test & OLS with 1310, 1490, 1550, 1625 nm; Art. no.: 020062) for ARGUS® 300, 260, F300, F240 and F200 or the **Optical Loss Test incl. 2λOLS & OPM stick** (Art. no.: 020063) or the **Optical Loss Test incl. 4λOLS & OPM stick** (Art. no.: 020064) for ARGUS® 300, 260 and 163 (163: only for certain variants).

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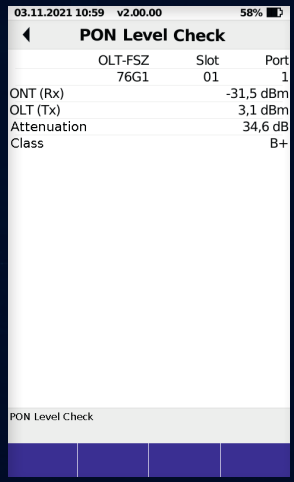
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ARGUS®
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Optical Loss Test



PON level check against OLS

Available for:

