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Find the *VIAVI Solutions / JDSU / Wandel and Goltermann OLA-25* at our website: *Click HERE*

Specifications for Optical Attenuators.....OLA-25, OLA-35
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Wavelength

Range.....1250 to 1600 nm
Calibrated at.....1300 and 1550 nm

Fiber type.....9/125 æm single-mode

Features.....OLA-25

Min. insertion loss.....ó 3 dB
Attenuation range.....3 to 60 dB
Return loss of the optical module [1].....>30 dB
Max. allowable input level.....+3 dBm

Features.....OLA-35

Min. insertion loss.....ó 2 dB
Attenuation range.....2 to 65 dB (60 dB at 1550 nm)
Return loss of the optical module [1].....>42 dB
Max. allowable input level.....+10 dBm

Attenuation setting.....continuous across entire range
(10 turns of the control)

Error limits

Overall error [1] [2].....ñ 1.0 dB
Linearity [3].....ñ (0.2 dB + 0.3% of display value)
Reproducibility of attenuation settings.....ñ 0.1 dB

Display.....3 digit LCD
Display value.....absolute attenuation, including connector loss
Resolution.....0.1 dB

Test adapters
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for direct connection of various connectors.....e.g. DIN, FC-PC,
SC, D4, ST, HMS-10

K 31XX test/adapter cables

9/125 æm test/adapter cables;
for various connectors, e.g.....DIN, FC-PC, HMS-0, HMS-10,
SC, Biconic, Radiall, Pigtail
Length.....2 m

General specifications

Power supply
Exchangeable dry battery.....9 V, IEC 6LF22
or NiCd.....e.g. Varta V7/8R

Operating time
with dry battery.....approx. 45 h
with NiCd.....approx. 10 h
A.C. line operation.....separate adapter/charger (LNT-1)
Operation with automatic power-off after 15 min. or
continuous operation. The device can be switched off when

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using fixed attenuation values.
Ambient temperature
Nominal range of use.....-10 to +50 øC
Storage and transport.....-40 to +70 øC
Dimensions (w x h x d).....98 x 180 x 68 mm
Weight.....approx. 800 g

Notes:
[1] The return loss of the overall instrument is determined primarily by the quality of the PC connector used. It varies between 35 and 40 dB (OLA-35) or 26 and 28 dB (OLA-25).
[2] In nominal range of use, including remating. Other connectors (FC, SC, ST, HMS-10) typically add ñ 0.3 dB to the overall error.
[3] Excluding remating

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