

ARGUS® Enhancement: GPON/PON Installation Test Option

GPON Measurement

A GPON/PON Installation test is available for all current ARGUS® testers with SFP interface. This option enables a guided measurement sequence and automatic OK/Fail evaluation. The target attenuation can be entered as threshold value. In addition, it determines the PON ID to make sure you are on the right PON branch. The PON level check is a quick test for one fiber without any necessary inputs. There is no registration at the OLT. The measured values are continuously updated.

The access GPON/PON Installation test is used to determine the target attenuation and the number of fibers to be measured and works like an assistant. When querying the order data, all values entered last are suggested again. If temporarily stored measurements are loaded, a direct re-entry into the measured value acquisition is possible.

The number of fibers can be specified. Afterwards the measurement can be performed. The selection of the fiber to be measured is done by cursor. It is possible to temporarily store the current status of the measurement to be able to repeat or continue the measurement later. Stored protocols can be copied e.g. to a USB stick, transferred via FTP upload or fetched via WLAN from a mobile device (e.g. smartphone) via web interface or WebDAV.

Specifications of the level measurement:

- Calibration: at -20 dBm
- Accuracy at -20 dBm ± 0.5 dB
- Measuring range: -8 dBm to -30 dBm
- Wavelength: 1490 nm



Upgrade
PON installation
test
cheaper & easier!

ARGUS 166 - S/N: 51468

Acceptance Measurement of Fiber Optic Cables

Area Code	2351	Job Number	123456	Measured By	
Branch	815			Company	
Cabinet	4711	Number of Fibers	4	Date	
ONT	111			ONT Calibration Date	
				ONT Serial Number	

Attenuation Value at $\lambda=1490$ nm

1 OLT Identifier 0x47312D30312D31					
Fiber No.	Attenuation [dB]	Fiber No.	Attenuation [dB]	Fiber No.	Attenuation [dB]
1	20.8	2	20.8	3	
4	21.4				

13:46

Suchen

WebDAV Nav pdf

- 02351_0078_P1203221_0420.pdf 102 KB
- 02351_0078_P8877665_042w.pdf 102 KB
- 02351_0078_P8877665_0420.pdf 102 KB
- 54321_0815_P4433221_0420.pdf 102 KB

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PON Installation

Job Number: 12345
 Area Code: 1234
 Cabinet: 2340
 Branch: 4444
 AP: 9999998

1 2 3 A B C
 4 5 6 D E F
 7 8 9 : - < >
 * 0 # . ABC ✓

GPON Install.

Delete

Customer specific data query

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PON Installation

Target Attenu. to 31,00 dB

Fiber 1	✓	19,5 dB
PON ID		G1-08-4
Fiber 2	✓	18,2 dB
PON ID		G1-01-1
Fiber 3	✓	17,4 dB
PON ID		G2-05-1
Fiber 4	✓	16,8 dB
PON ID		G2-21-2
Fiber 5	✓	22,6 dB
PON ID		G3-07-4
Fiber 6	✓	23,1 dB
PON ID		G1-09-3
Fiber 7	✓	23,5 dB
PON ID		G2-03-2
Fiber 8	!	42,3 dB
PON ID		G1-16-7

GPON Install.

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PON level check against OLS

Available for:

