

## TLS COMPATIBLES WITH **BOSA** OPTION 100

### MAIN TLS CHARACTERISTICS

The probe TLS should meet the following characteristics to work with the BOSA option 100.

- 1528 nm–1565 nm
- PMF output APC (FC preferred)
- Line width <1MHz
- Mode hop free in the complete tuning range
- Continuous sweep
- Sweeping speed: 10nm/s
- Trigger output at begin of sweep
- Output power of 0dBm across complete range
- GPIB (or USB)

### COMPATIBLES TLS MODELS

#### Agilent

The configuration is Mainframe plus Tunable Laser Source (TLS) module

#### Mainframes

8164A/B with firmware revision 4.5 or higher

#### TLS modules

- 81640A/B
- 81600B #200
- 81600B #160

The following two models are valid also, but only up to 1565nm (C-Band):

- 81680A/B
- 81600B #150

Firmware revision must be 4.1 or higher

All of them have to be operated using the high power output.

Product Note PN005\_0100\_0610

## Luna Technologies

PHOENIX™ 1400 with option PMF output.

## Anritsu

Tunics Reference.

*All the best*

*The Aragón Photonics Team*

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