



## FTTx Wavelength Selective Adapter Cap

The Noyes FTTx Wavelength Selective Adapter Cap allows any Noyes Optical Power Meter (OPM), including all OPM1, OPM4, and OPM5 models, to measure downstream signal power on FTTx networks carrying both 1490 nm and 1550 nm signals. To operate, the user simply sets the adapter cap and power meter to the same wavelength, either 1490 or 1550 nm. A third 'unfiltered' adapter cap position is provided to measure optical power at 1310 nm or any other wavelength supported by the power meter. The new adapter cap is compatible with SC or angled SC connectors.

### Features

- Compatible with SC or Angled SC connectors
- Fits standard Noyes OPM ports
- Uses thin-film, band-pass filters at 1490 and 1550 nm
- Provides unfiltered position to measure other wavelengths

### Applications

- Verify 1490 and 1550 nm power levels before connecting the ONT
- Troubleshooting FTTx problems at the ONT (premise) or FDH (hub)



### Specifications

Model	FTTx Wavelength Selective Adapter Cap
Selectable Positions	OPM, 1490, and 1550
Isolation between 1490 nm and 1550 nm	> 30 dB
Added power measurement uncertainty at 1490 or 1550 nm	< 0.2 dB
Compatible Connector Types	SC or Angled SC
Operating temperature	-5 to 75°C

