Automatic modulator bias controllers

Hold a Mach-Zehnder modulator at quadrature, null, peak or a selected operating point.



Representative series photograph. Packaging depends on configuration.

Technical specifications

Control modes	Q+/Q-, null, peak and arbitrary point
Modulator configurations	MZ, IQ and dual-polarization IQ options
Monitoring tap	1/99 optical coupler
Adjustment	Serial control and manual adjustment

Applications

Coherent transmission / QPSK and QAM modulation / Stable external modulation

Selecting your configuration

Specify the modulator topology and required lock point. Confirm the monitoring wavelength, bias range and communications protocol.

Series options are not guaranteed combinations. Precisometer confirms the specifications, interfaces and availability of your selected configuration in a quotation.

Product page and enquiry | info@precisometer.com