TEST INSTRUMENTS

Rack broadband ASE light sources

Unpolarized broadband optical sources for spectral and component measurements.

Applications to discuss: Component characterization; Fibre sensing; Optical test benches.

Selection points
1524-1625 nm family coverage / Up to 42 nm spectral width / Up to 26 dBm listed output

Configuration options

Configuration	Family wavelength coverage	Spectral width	Output power
Broadband source	1524 nm to 1625 nm	Up to 42 nm	Up to 26 dBm

Each row is a separate configuration. Limits from different rows must not be combined.

Technical details

Parameter	Specification or condition
Spectral ripple	<1.5 dB
Polarization state	Unpolarized

Integration and delivery

Item	Configuration detail
Format	Rack instrument with integrated supply
Control	RS232 graphical interface; Ethernet optional
Interlock	Remote interlock and key switch

Conditions and configuration notes

• The selected source spectrum and measurement conditions must be agreed; the full family span is not a single 101 nm-wide specification.

• Confirm whether output-power and ripple limits apply over the complete chosen spectrum.