ANRITSU

MS9710B

The Anritsu MS9710B is a diffraction-grating optical spectrum analyzer (OSA) for fiber-optic communications and general optical component testing. It supports measurements across the 0.6 to 1.75 µm (600–1750 nm) wavelength band and includes specialized functions for WDM and fiber system NF/gain measurements.

SPECIFICATIONS

Identification

Manufacturer	Anritsu
Model	MS9710B
Series	Optical Spectrum Analyzers
Product type	Diffraction-grating Optical Spectrum Analyzer (bench instrument)
Form factor / Instrument classification	Benchtop laboratory optical spectrum analyzer

Optical Performance — General

Wavelength range (nominal)	0.6 - 1.75 µm (600 - 1750 nm)
Spectral coverage statement	Single instrument covers 0.6 to 1.75 µm
Optical technology	Diffraction grating monochromator

Sensitivity & Noise

Guaranteed optical reception sensitivity (as stated)	-90 dBm

Trace Processing & Data Handling

Internal storage	3.5" floppy disk drive (FDD) for data storage

Detectors & Optical Front End

Optical front-end type	Diffraction-grating based monochromator optical front end

TECHNOLOGY

Diffraction-grating optical spectrum analyzer

APPLICATIONS

LD/LED spectrum analysis, passive element transmission, fiber system NF/gain, WDM channel analysis (1.55 µm optimized)