



QSFP Optical Time Domain Reflectometer

Rev A4

Description

The QSFP Optical Time Domain Reflectometer is a very compact optical time domain reflectometer. It is designed to be compatible with QSFP MSA on mechanical and electrical interface, which allows it to be plugged into QSFP, QSFP-28 and QSFP-DD cages.

Key Features

- QSFP Form Factor
- 1625/1550nm WDM Filter Integrated
- 1625nm LD and APD Integrated

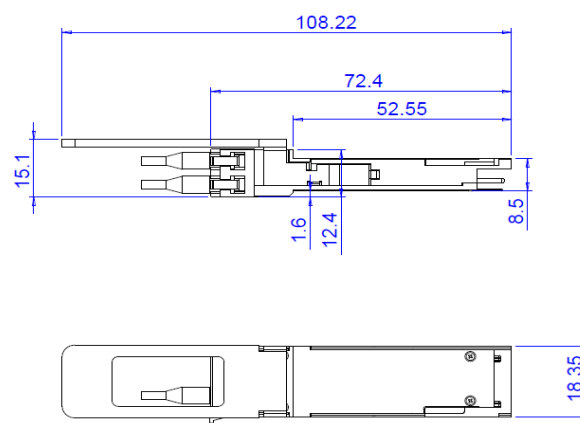
Applications

- Long haul system
- Data Center Interconnect System

Specifications

Parameter	Unit	Value
Operation Wavelength	nm	1625
Pulse Width	ns	10 to 20000
Dynamic Range (SNR=1)	dB	25
Attenuation Dead Zone	m	10
Event Dead Zone	m	3
Sampling Resolution	m	0.8
Sampling Point	-	128000
Distance Measurement Accuracy	m	$\pm (1 + \text{Measurement distance} \times 10^{-4} + \text{sampling resolution})$
Operating Case Temperature	°C	- 5 to + 70
Storage Temperature	°C	- 40 to + 85
Working Voltage Range	V	3.13 to 3.46
Max. Power Dissipation	W	3

Package Dimensions



Ordering Information

OCM-QSFP-①①-②②

①①: Wavelength

01 - 1625 nm

02 - 1550 nm

03 - 1310 nm

②②: 1625/1550 Filter

01 - with Filter

02 - Without Filter