

100G CFP, CFP2, & CFP4 Transceiver

Network Distributors provides the highest quality, best in class compatible optical transceivers that are 100% real-world tested in equivalent OEM equipment. Servicing Telecom, Datacenter, and Enterprise markets, our 100G CFP optics are hot pluggable and provide 100 Gb/s Ethernet and/or OTN OTU4 transmission over either multimode or single mode fiber. They are primarily used in WAN, metro wireless and base station applications.



Technical Specifications

Data Rates and Distances

100G/112 Ethernet

Reach from 300m to beyond 3000km

Standards

RoHS compliant, applicable IEEE standard.

All MSA (multi-source agreement) compliant.

Connector(s)

Duplex LC, MPO-24

Additional Highlights

Available in both standard temperature (0 to 70°C) and industrial temperature (-40 to 85°C).

Warranty

All transceivers feature a limited lifetime warranty.

Compatibility

Notable OEM platforms supported include:

Alcatel/Nokia, Arista, Brocade, Calix, Ciena, Cisco, Ericsson, Juniper, MSA standard and many others.

Please contact us at sales@networkdistributors.com if you do not see your OEM here.

Part Number	Wavelength (nm)	Fiber Type	Reach	Max Data Rate	Output Power (dBm)	Receiver Sensitivity (dBm)	Power Supply	Power Dissipation
100G CFP, CFP2, CFP4								
CFP-100G-SR10	850	MMF	400m	111.81G	-7.6/2.4	-5.4	3.3V	<8W
CFP-100G-LR4	1310	SMF	10km	112G	-4.3/4.5	-6.8	3.3V	<10W
CFP-100G-ER4	1310	SMF	40km	112G	-2.7/2.9	-17.9	3.3V	<16W
CFP-100G-DCO	1529.16-1567.13	SMF	3000km	100G	-10/4	-21	3.3V	32W
CFP2-100G-LR4	1310	SMF	10km	111.81G	-4.3/4.5	-8.6	3.3V	<6W

Part Number	Wavelength (nm)	Fiber Type	Reach	Max Data Rate	Output Power (dBm)	Receive Sensitivity (dBm)	Power Supply	Power Dissipation
CFP2-100G-ER4	1310	SMF	40km	112G	-2.7/2.9	-17.9	3.3V	<9W
CFP2-200G-DCO	1529.16-1567.13	SMF	2000km	200G	-10/1	-18	3.3V	22W
CFP4-400G-LR4	1310	SMF	10km	400G	-4.3/4.5	-8.6	3.3V	<6W