

Telecom Operator Optical Module

NT-CWDM-10G-10km



NT-CWDM-10G-10km is a 10.3125Gbps 10km CWDM LC Duplex SFP+ transceiver.

Product Features

- ✓ Up to 10.5Gb/s bit rates
- ✓ CWDM DFB Laser and PIN receiver
- ✓ Duplex LC receptacle optical interface compliant
- ✓ Single +3.3V power supply
- ✓ Hot-pluggable
- ✓ AC coupling of CML signals
- ✓ International Class1 laser safety certified
- ✓ Up to 10km transmission distance over Single Mode Fiber
- ✓ Operating case temperature range:
- ✓ Commercial: 0°C ~+70°C
- ✓ RoHS Compliant
- ✓ DDMI function available with internally calibrated mode

Applications

- ✓ 10G BASE-LR/LW
- ✓ 10G Fiber Channel

Standards

- ✓ Complies with SFP+MSA(SFF-8431)
- ✓ Complies with SFF-8472
- ✓ Complies with IEEE802.3ae

Order Information

Part.No	Specifications								
	Pack	Rate	Tx(nm)	Po	RX	Sen	Temp	Reach	Others
NT-CWDM-10G-10km-1271nm	SFP+	10.3125	1271	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1291nm	SFP+	10.3125	1291	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1311nm	SFP+	10.3125	1311	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1331nm	SFP+	10.3125	1331	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1351nm	SFP+	10.3125	1351	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1371nm	SFP+	10.3125	1371	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1391nm	SFP+	10.3125	1391	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1411nm	SFP+	10.3125	1411	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1431nm	SFP+	10.3125	1431	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1451nm	SFP+	10.3125	1451	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1471nm	SFP+	10.3125	1471	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1491nm	SFP+	10.3125	1491	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1511nm	SFP+	10.3125	1511	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1531nm	SFP+	10.3125	1531	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1551nm	SFP+	10.3125	1551	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1571nm	SFP+	10.3125	1571	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1591nm	SFP+	10.3125	1591	-3~3	PIN	<-14.4	0~70	10	DDM;
NT-CWDM-10G-10km-1611nm	SFP+	10.3125	1611	-3~3	PIN	<-14.4	0~70	10	DDM;

NT-CWDM-25G-10km



NT-CWDM-25G-10km is a single-Channel, Pluggable, Fiber-Optic SFP28 for 25G Ethernet and 5G Wireless Applications. It is a high-performance module which operates at 25.78Gbps up to 10km by single mode fiber. This module uses the duplex LC receptacle, which use uncooled CWDM (1271~1371nm) DFB

Laser and PIN photo detector.

Product Features

- ✓ Hot-pluggable SFP28 form factor
- ✓ Supports 24.33Gb/s~25.78Gb/s bit rate
- ✓ Uncooled CWDM (1271~1371nm) DFB Laser and PIN photo detector
- ✓ Maximum link length of 10km on SMF
- ✓ Duplex LC receptacle
- ✓ Operating case temperature range
- ✓ Commercial:0~70°C
- ✓ Low power dissipation:
- ✓ Commercial: < 1.2 W
- ✓ Single 3.3V power supply
- ✓ Class1 laser safety compliance

Applications

- ✓ 25G Ethernet
- ✓ eCPRI/CPRI-10
- ✓ Data center

Standards

- ✓ Compliant to SFP28 MSA
- ✓ Compliant with IEEE 802.3cc
- ✓ Compliant with SFF-8432, SFF-8472
- ✓ RoHS compliant

Order Information

Part.No	Specifications								
	Form	Data Rate	λ	Po	RX	Sen*	Reach	Color	DDMI
NT-CWDM-25G-10km-1271nm	SFP28	25.78	1271	0~6	PIN	<-14	10	Water-Blue	Y
NT-CWDM-25G-10km-1291nm	SFP28	25.78	1291	0~6	PIN	<-14	10	Hot Pink	Y
NT-CWDM-25G-10km-1311nm	SFP28	25.78	1311	0~6	PIN	<-14	10	Olive	Y
NT-CWDM-25G-10km-1331nm	SFP28	25.78	1331	0~6	PIN	<-14	10	Yellow	Y
NT-CWDM-25G-10km-1351nm	SFP28	25.78	1351	0~6	PIN	<-14	10	Sky-Blue	Y
NT-CWDM-25G-10km-1371nm	SFP28	25.78	1371	0~6	PIN	<-14	10	Pink	Y