

Product Guide

Transceivers Active Optical Cables



Type	Data Rate	Reach	Interface	Media Type	Form Factor	Wavelength (nm)	Case Temperature(°C)	Part No.
Transceiver (Duplex & MPO)	155 Mb/s~6.25 Gb/s	1.4 km	Duplex	Multimode	SFP	850	0 ~ +70	155 Mb/s~6 Gb/s Series ^①
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
	10.31 Gb/s	10 km	Duplex	Multimode	SFP+	1310	0 ~ +70	MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
	25.78 Gb/s	10 km	Duplex	Single Mode	SFP28	1310	-40 ~ +85	MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
								MPTED3-D0C-8VT1
41.25 Gb/s	10 km	MPO(MTP12)	Multimode	QSFP+	850	0 ~ +70	MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
53.12 Gb/s	10 km	MPO(MTP12)	Single Mode	TBD	1310	-40 ~ +85	MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
103.1 Gb/s	10 km	MPO(MTP12)	Single Mode	QSFP28	1310	0 ~ +70	MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
400 Gb/s	100 m	MPO-2X12	Multimode	QSFP-DD	850	0 ~ +70	MPTED3-D0C-8VT1	
							MPTED3-D0C-8VT1	
Transceiver (BIDI)	10.31 Gb/s	10 km	BIDI	Single Mode	SFP+	1270/1330	0 ~ +70	MPTED3-D0C-8VT1
		20 km						MPTED3-D0C-8VT1
		40 km						MPTED3-D0C-8VT1
		60 km						MPTED3-D0C-8VT1
	25.78 Gb/s	10 km	BIDI	Single Mode	SFP28	1270/1330	0 ~ +70	MPTED3-D0C-8VT1
		10 km						MPTED3-D0C-8VT1
		40 km						MPTED3-D0C-8VT1
		40 km						MPTED3-D0C-8VT1
	53.12 Gb/s	40 km	BIDI	Single Mode	TBD	TBD	TBD	MPTED3-D0C-8VT1
		40 km						MPTED3-D0C-8VT1
AOC	10.31 Gb/s	<300 m				850	0 ~ +70	MPTED3-D0C-8VT1
	25.78 Gb/s	<100 m				MPTED3-D0C-8VT1		
	41.25 Gb/s	<100 m				MPTED3-D0C-8VT1		
	103.1 Gb/s	<100 m				MPTED3-D0C-8VT1		

① Please contact MNC for more details.
 ② "xx" represents two numbers, corresponding to wavelength selection: 1271/1291/.../1611, e.g. PN. of transceiver(1271nm) is "MPTED3-D0C-C27T".
 ③ "xx" represents two numbers, corresponding to wavelength selection. Please contact MNC for more details.
 ④ "xx" represents two numbers, corresponding to wavelength selection: 1271/1291/.../1371, e.g. PN. of transceiver(1271nm) is "MPB2510-D0C-C27T".
 ⑤ "xx" represents two numbers, corresponding to wavelength selection: 1271/1291/.../1371, e.g. PN. of transceiver(1271nm) is "MPB2510-D0I-C27T".
 ⑥ "xxx" represents three numbers, corresponding to fiber length: 1m~300m, e.g. PN. of 18m AOC is "MPTED3-D2C-018T".
 ⑦ "xxx" represents three numbers, corresponding to fiber length: 1m~100m, e.g. PN. of 18m AOC is "MPB2510-D2C-018T".
 ⑧ "xxx" represents three numbers, corresponding to fiber length: 1m~100m, e.g. PN. of 18m AOC is "MQA4ZD2-D2C-018T".
 ⑨ "xxx" represents three numbers, corresponding to fiber length: 1m~100m, e.g. PN. of 18m AOC is "MQBG101-D2C-018T".

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