



SFP Optical Modules

SFP modules:

- 1 10G SFP + Ordering Info
- 2 10G XFP Ordering Info
- 3 2.5G Ordering Info
- 4 1.25G Ordering Info
- 5 155 to 622M Ordering Info
- 6 155M/125M Ordering Info

Description

This brochure shows all the SFP optical modules that Loop offers to meet your needs. Loop products that accept these optical modules include the Loop-O, Loop-V and Loop-IP series.

For other special optical modules, please contact your nearest Loop sales representative.

Ordering Info Guideline

SFP module for SFP housing

Each module has 5 letters. Details are below. Not all combinations are available. See ordering tables.

Mode		Data Rate		Wave Length		Distance		Connector	
Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
D	SFP CWDM Single Mode <small>(see table below)</small>	H	155 M	A	850 nm Commercial	A	100 m	D	LC with DDM connector
E	SFP Electrical Transceiver	J	155-622 M	B	1310 nm Commercial	B	300 m	W	LC without DDM connector
M	SFP Multi Mode	K	622 M to 1.25 G	C	1550 nm Commercial	F	500 m	S	SC connector
P	SFP Single Mode	G	125 M to 1.25 G	D	TX1310 nm/ RX1550 nm; TX1310 nm/ RX1490nm Commercial	T	2 km	F	FC connector
T	SFP+ Multi mode	T	1.25 G	E	TX1550 nm/ RX1310 nm; TX1490 nm/ RX1310 nm Commercial	D	5km	C	Coaxial connector
G	SFP+ Single mode	L	2.5 G	F	TX1310 nm/ RX1550 nm Industrial	1	10 km	T	ST connector
X	XFP Single mode	F	125 M	G	TX1550 nm/ RX1310 nm Industrial	2	15-20 km	R	RJ45 connector
		E	10/100M	T	1310 nm Industrial	3	30 km		
		C	622 M	L	1550 nm Industrial	4	40 km		
				N	N/A (-40~+85C°)	5	50 km		
		S	2.5 G Single Rate	O	N/A (-0~+70C°)	6	60 km		
		M	1.25G for Multi rate 10/100/ 1000M	P	850nm Industrial	7	70 km		
		N	10G BASE (9.95 Gbps to 10.5 Gbps)	Q	TX1510~ 1490nm / RX1570~1590nm Commercial	8	80 km		
				R	TX1570~1590nm / RX1490~1510nm Commercial	9	90 km		

Mode		Data Rate		Wave Length		Distance		Connector	
Code	Description	Code	Description	Code	Description	Code	Description	Code	Description
				K	1490nm Commercial (-0~+70)	U	100 km		
				H	10G TX to RX (-0~+70C)	V	110 km		
				J	10G RX to TX (-0~+70C)	X	120 km		
						R	160 km		
						S	180 km		
						Y	200 km		
						Z	240 km		

Note 1: DDM: digital diagnostic monitoring

Note 2: Commercial (0 to 70°C); Industrial (-40 to 85°C)

Remarks: SFP 622M & 2.5G: single mode only. SFP 155M & 1.25G: Single mode & multi mode

For CWDM SFP Optical Modules

■ A special defined **-Dxx** ordering code is used to select **wavelength**:

-D47	CWDM wavelengths available at 1470nm
-D49	CWDM wavelengths available at 1490nm
-D51	CWDM wavelengths available at 1510nm
-D53	CWDM wavelengths available at 1530nm
-D55	CWDM wavelengths available at 1550nm
-D57	CWDM wavelengths available at 1570nm
-D59	CWDM wavelengths available at 1590nm
-D61	CWDM wavelengths available at 1610nm

1 10G SFP + Ordering Info

1.1 Commercial Range (0 to 70°C)

Used in Products: G7860*, IP6320

10G (mini GBIC) Dual Fiber Commercial (0 to 70°C)	TNABD	SFP+ Multi-mode optical module with dual uni-directional fiber , 10.3Gbps, 850nm, 300m, LC connector with DDM, 10G Ethernet Links, SR/SW	<ul style="list-style-type: none"> Use 2 fibers for all SFP optical modules
	GNB1D	SFP+ single-mode optical module with dual uni-directional fiber, 10.3Gbps, 1310nm, 10Km, LC connector with DDM, 10G Ethernet Links, LR/LW	
	GNB2D	SFP+ single-mode optical module with dual uni-directional fiber, 10.3Gbps, 1310nm, 20Km, LC connector with DDM, 10G Ethernet Links, ER/EW	
	GNC4D	SFP+ single-mode optical module with dual uni-directional fiber, 10.3Gbps, 1550nm, 40Km, LC connector with DDM, 10G Ethernet Links, ER/EW	
	GNC8D	SFP+ single-mode optical module with dual uni-directional fiber, 10.3Gbps, 1550nm, 80Km, LC connector with DDM, 10G Ethernet Links, ZR/ZW	
	GNCUD	SFP+ single-mode optical module with dual uni-directional fiber, 10.3Gbps, 1550nm, 100Km, LC connector with DDM, 10G Ethernet Links, ZR/ZW	

10G (mini GBIC) Bi-directional Single Fiber Commercial (0 to 70°C)	GNH4D	SFP+ single-mode optical module with single bi-directional fiber, 10.3Gbps, TX1270/RX1330nm, 40Km, LC connector with DDM, 10G Ethernet Links, BX	<ul style="list-style-type: none"> 1270 nm from master to slave Order GNH4D to use with GNJ4D Use 1 fiber
	GNJ4D	SFP+ single-mode optical module with single bi-directional fiber, 10.3Gbps, TX1330/RX1270nm, 40Km, LC connector with DDM, 10G Ethernet Links, BX	

1.2 Industrial Range (-25 to +85°C)

Used in Products: IP6320

10G (mini GBIC) Dual Fiber Industrial (-25 to 85°C)	GNT2D	SFP+ single-mode optical module with dual uni-directional fiber, 10.3Gbps, 1310nm, 20Km, LC connector with DDM, 10G Ethernet Links, ER/EW	<ul style="list-style-type: none"> Use 2 fibers for all SFP optical modules
	GNL4D	SFP+ single-mode optical module with dual uni-directional fiber, 10.3Gbps, 1550nm, 40Km, LC connector with DDM, 10G Ethernet Links, ER/EW	
	GNL8D	SFP+ single-mode optical module with dual uni-directional fiber, 10.3Gbps, 1550nm, 80Km, LC connector with DDM, 10G Ethernet Links, ZR/ZW	

2 10G XFP Ordering Info

10G (mini GBIC) Dual Fiber Commercial (0 to 70°C)	XNCUD	XFP single-mode optical module with dual uni-directional fiber , 9.95G to 10.5Gbps, 1550nm EML, 100Km, LC connector with DDM	▪ Use 2 fibers for all SFP optical modules
	XNC1D	XFP single-mode optical module with dual uni-directional fiber , 9.95G to 11.3Gbps, 1550nm EML, 10Km, LC connector with DDM	
	XNC4D	XFP single-mode optical module with dual uni-directional fiber , 9.95G to 11.3Gbps, 1550nm EML, 40Km, LC connector with DDM	
	XNC8D	XFP single-mode optical module with dual uni-directional fiber , 9.95G to 11.3Gbps, 1550nm EML, 80Km, LC connector with DDM	

3 2.5G Ordering Info

Used in Products: O9400R

2.5G (mini GBIC) Dual Fiber Commercial (0 to 70°C)	PLB2D	Single-mode optical module with dual uni-directional fiber, 2.5G, 1310nm, 15Km, LC connector with DDM	<ul style="list-style-type: none"> Use 2 fibers for all SFP optical modules
	PLB4D	Single-mode optical module with dual uni-directional fiber, 2.5G, 1310nm, 40Km, LC connector with DDM	
	PLC8D	Single-mode optical module with dual uni-directional fiber, 2.5G, 1550nm, 80Km, LC connector with DDM	
	PLCUD	Single-mode optical module with dual uni-directional fiber, 2.5G, 1550nm, 100Km, LC connector with DDM, SONET OC-48	
	PLCRD	Single-mode optical module with dual uni-directional fiber, 2.5G, 1550nm, 160Km, LC connector with DDM, SONET OC-48	

2.5G (mini GBIC) Bi-directional Single Fiber Commercial (0 to 70°C)	PLD2D	Single-mode optical module with single bi-directional fiber, 2.5G, Tx 1310 nm / Rx 1550 nm, 15-20Km, LC connector with DDM, Compatible with IEEE 802.3ah, 1000Base-BX10	<ul style="list-style-type: none"> 1310 nm from master to slave Order PLD2D to use with PLE2D Use 1 fiber
	PLE2D	Single-mode optical module with single bi-directional fiber, 2.5G, Tx 1550 nm / Rx 1310 nm, 15-20Km, LC connector with DDM, Compatible with IEEE 802.3ah, 1000Base-BX10	
	PLD4D	Single-mode optical module with single bi-directional fiber, 2.5G, Tx 1310 nm / Rx 1490 nm, 40Km, LC connector with DDM, OC48/STM-16	<ul style="list-style-type: none"> 1310 nm from master to slave Order PLD4D to use with PLE4D Use 1 fiber
	PLE4D	Single-mode optical module with single bi-directional fiber, 2.5G, Tx 1490 nm / Rx 1310 nm, 40Km, LC connector with DDM, OC48/STM-16	

4 1.25G Ordering Info

4.1 Commercial Range (0 to 70°C)

Used in Products: IP6300 up-link, IP6416, IP6716, IP6763, IP6820, IP7920, IP7925*, O9340S, O9340R, AM3440-TDMoE, O9400R-GEoSDH*

*Future Option

1.25G (mini GBIC) Dual Fiber Commercial (0 to 70°C)	MTAFW	Multi-mode optical module with dual uni-directional fiber, 1.25G, 850nm, 550m, LC connector w/o DDM, 1000Base-SX	<ul style="list-style-type: none"> Use 2 fibers for all SFP optical modules All 1.25G optical module downgrading to 622Mbps data rate will be workable
	MTAFD	Multi-mode optical module with dual uni-directional fiber, 1.25G, 850nm, 550m, LC connector with DDM, 1000Base-SX	
	MTBTD	Multi-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 2Km, LC connector with DDM, 1000Base-SX+	
	PTT2W	Single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 20Km, LC connector w/o DDM, 1000Base-LHX	
	PTB1W	Single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 15Km, LC connector w/o DDM, 1000Base-LX	
	PTB2W	Single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 20Km, LC connector w/o DDM, 1000Base-LX	
	PTB4W	Single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 40Km, LC connector w/o DDM, 1000Base-LHX	
	PTC5W	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 50Km, LC connector w/o DDM, 1000Base-XD	
	PTC6W	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 60~80Km, LC connector w/o DDM, 1000Base-XD	
	PTC8W	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 80Km, LC connector w/o DDM, 1000-Base-ZX	
	PTC9W	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 90Km, LC connector w/o DDM	
	PTCVW	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 110Km, LC connector w/o DDM, 1000Base-APD	
	PTCXW	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 120Km, LC connector w/o DDM, 1000Base-APD	
	PTCRW	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 160Km, LC connector w/o DDM	
	PTCSW	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 180Km, LC connector w/o DDM	
	PTBDD	Single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 5Km, LC connector with DDM,	
	PTB1D	Single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 10Km, LC connector with DDM, 1000Base-LX	
	PTB3D	Single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 30Km, LC connector with DDM, 1000Base-LHX	
	PTB4D	Single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 40Km, LC connector with DDM, 1000Base-LHX	
	PTC5D	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 50Km, LC connector with DDM, 1000Base-XD	
	PTC6D	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 60Km, LC connector with DDM, 1000Base-XD	
	PTC8D	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 80Km, LC connector with DDM, 1000Base-ZX	
	PTC9D	Single-mode optical module with dual unidirectional fiber, 1.25G, 1550nm, 90Km, LC connector with DDM	
	PTCVD	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 110Km, LC connector with DDM, 1000Base-APD	
	PTCXD	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 120Km, LC connector with DDM, 1000Base-APD	
	PTCRD	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 160Km, LC connector with DDM	
PTCSD	Single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 180Km, LC connector with DDM		

622M-1.25G (mini GBIC) Dual Fiber Commercial (0 to 70°C)	PKB1W	Single-mode optical module with dual uni-directional fiber, 622Mbps~1.25G, 1310nm, 10Km, LC connector w/o DDM, 1000Base-LX	
---	--------------	--	--

1.25G (mini GBIC) Bi-directional Single Fiber Commercial (0 to 70°C)	PTD1W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 10Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTD1W to use with PTE1W ▪ Use 1 fiber
	PTE1W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 10Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTE1W to use with PTD1W ▪ Use 1 fiber
	PTD2W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 20Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTD2W to use with PTE2W ▪ Use 1 fiber
	PTE2W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 20Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTE2W to use with PTD2W ▪ Use 1 fiber
	PTD4W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 40Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTD4W to use with PTE4W ▪ Use 1 fiber
	PTE4W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 40Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTE4W to use with PTD4W ▪ Use 1 fiber
	PTD6W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 60Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTD6W to use with PTE6W ▪ Use 1 fiber
	PTE6W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 60Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTE6W to use with PTD6W ▪ Use 1 fiber
	PTD1D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 10Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTD1D to use with PTE1D ▪ Use 1 fiber
	PTE1D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 10Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTE1D to use with PTD1D ▪ Use 1 fiber
	PTD2D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 20Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTD2D to use with PTE2D ▪ Use 1 fiber
	PTE2D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 20Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTE2D to use with PTD2D ▪ Use 1 fiber
	PTD4D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 40Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTD4D to use with PTE4D ▪ Use 1 fiber

	PTE4D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 40Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTE4D to use with PTD4D ▪ Use 1 fiber
	PTD6D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 60Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTD6D to use with PTE6D ▪ Use 1 fiber
	PTE6D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 60Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTE6D to use with PTD6D ▪ Use 1 fiber
	PTQ8D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1510 nm / Rx 1570 nm, 80Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1510 nm from master to slave ▪ Order PTQ8D to use with PTR8D ▪ Use 1 fiber
	PTR8D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1570 nm / Rx 1510 nm, 80Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1570 nm from slave to master ▪ Order PTR8D to use with PTQ8D ▪ Use 1 fiber
	PTQXD	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1510 nm / Rx 1590 nm, 160Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1510 nm from master to slave ▪ Order PTQXD to use with PTRXD ▪ Use 1 fiber
	PTRXD	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1590 nm / Rx 1510 nm, 160Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1570 nm from slave to master ▪ Order PTRXD to use with PTQXD ▪ Use 1 fiber
1.25G (mini GBIC) CWDM Dual Fiber Commercial (0 to 70°C)	DTC2D-D55	CWDM optical module with dual uni-directional fiber, 1.25G, 1550nm, 20Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ For CWDM SFP modules, the wavelength ordering code -Dxx must be specified.
	DTC2D-D57	CWDM optical module with dual uni-directional fiber, 1.25G, 1570nm, 20Km, LC connector with DDM, GbE/1X fiber channel	
	DTC2D-D59	CWDM optical module with dual uni-directional fiber, 1.25G, 1590nm, 20Km, LC connector with DDM, GbE/1X fiber channel	

NOTE: For other special optical modules, please contact your nearest Loop sales representative.

4.2 Industrial Range (-40 to +85°C)

Used in Products: IP6820

1.25G (mini GBIC) Dual Fiber Industrial (-40 to 85°C)	MTPFW	multi-mode optical module with dual uni-directional fiber, 1.25G, 850nm, 500m, LC connector w/o DDM, 1000Base-SX	<ul style="list-style-type: none"> ▪ Use 2 fibers for all SFP optical modules ▪ All 1.25G optical module downgrading to 622Mbps data rate will be workable
	MTPFD	multi-mode optical module with dual uni-directional fiber, 1.25G, 850nm, 550m, LC connector with DDM, 1000Base-SX	
	MTTDD	multi-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 2Km, LC connector with DDM, 1000Base-SX+	
	MTTTW	multi-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 2Km, LC connector w/o DDM, 1000Base-SX+	
	PTT2W	single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 20Km, LC connector w/o DDM, 1000Base-LX	
	PTT4W	single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 40Km, LC connector w/o DDM, 1000Base-LHX	
	PTL5W	single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 50Km, LC connector w/o DDM, 1000Base-XD	
	PTL6W	single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 60Km, LC connector w/o DDM, 1000Base-XD	
	PTL8W	single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 80Km, LC connector w/o DDM, 1000Base-ZX	
	PTLVW	single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 110Km, LC connector w/o DDM, 1000Base-APD	
	PTLXW	single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 120Km, LC connector w/o DDM, 1000Base-APD	
	PTT1D	single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 10Km, LC connector with DDM, 1000Base-LX	
	PTT2D	single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 20Km, LC connector with DDM, 1000Base-LHX	
	PTT3D	single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 30Km, LC connector with DDM, 1000Base-LHX	
	PTT4D	single-mode optical module with dual uni-directional fiber, 1.25G, 1310nm, 40Km, LC connector with DDM, 1000Base-LHX	
	PTL5D	single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 50Km, LC connector with DDM, 1000Base-XD	
	PTL6D	single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 60Km, LC connector with DDM, 1000Base-XD	
	PTL8D	single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 80Km, LC connector with DDM, 1000Base-ZX	
	PTLXD	single-mode optical module with dual uni-directional fiber, 1.25G, 1550nm, 120Km, LC connector with DDM, 1000Base-APD	

622M-1.25G (mini GBIC) Dual Fiber Industrial (-40 to 85°C)	PTT1W	single-mode optical module with dual uni-directional fiber, 622M~1.25G, 1310nm, 10Km, LC connector w/o DDM, 1000Bse-LX	
---	--------------	--	--

1.25G (mini GBIC) Bi-directional Single Fiber Industrial (-40 to 85°C)	PTF1W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 10Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTF1W to use with PTG1W ▪ Use 1 fiber
	PTG1W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 10Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTG1W to use with PTF1W ▪ Use 1 fiber
	PTF2W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 20Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTF2W to use with PTG2W ▪ Use 1 fiber
	PTG2W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 20Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTG2W to use with PTF2W ▪ Use 1 fiber
	PTF4W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 40Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTF4W to use with PTG4W ▪ Use 1 fiber
	PTG4W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 40Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTG4W to use with PTF4W ▪ Use 1 fiber
	PTF6W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 60Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTF6W to use with PTG6W ▪ Use 1 fiber
	PTG6W	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 60Km, LC connector w/o DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTG6W to use with PTF6W ▪ Use 1 fiber
	PTF1D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 10Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTF1D to use with PTG1D ▪ Use 1 fiber
	PTG1D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 10Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTG1D to use with PTF1D ▪ Use 1 fiber
	PTF2D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 20Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTF2D to use with PTG2D ▪ Use 1 fiber
	PTG2D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 20Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTG2D to use with PTF2D ▪ Use 1 fiber
	PTF4D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 40Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTF4D to use with PTG4D ▪ Use 1 fiber

	PTG4D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 40Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTG4D to use with PTF4D ▪ Use 1 fiber
	PTF6D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1310 nm / Rx 1550 nm, 60Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1310 nm from master to slave ▪ Order PTF6D to use with PTG6D ▪ Use 1 fiber
	PTG6D	Single mode optical module with single bi-directional fiber, 1.25G, Tx 1550 nm / Rx 1310 nm, 60Km, LC connector with DDM, GbE/1X fiber channel	<ul style="list-style-type: none"> ▪ 1550 nm from slave to master ▪ Order PTG6D to use with PTF6D ▪ Use 1 fiber

NOTE: For other special optical modules, please contact your nearest Loop sales representative

5 155 to 622M Ordering Info

5.1 Commercial Range (0 to 70°C)

Used in Products: O9400S, O9400R, O9500R, O9550*, V4150, STM1/4 card for O9400R/O9500R

*Future Option

622M~1.25G mini GBIC Dual Fiber Commercial (0 to 70°C)	PKB1W	Single mode optical module with dual uni-directional fiber, 622Mbps~1.25G, 1310nm, 10Km, LC connector w/o DDM, S-4.1/IR1/1000Base-LX	<ul style="list-style-type: none"> Use 2 fibers for all SFP optical modules
	PCCXW	Single mode optical module with dual uni-directional fiber, 622Mbps, 1550nm, 120Km, LC connector w/o DDM, L-4.2 extended distance	
	PCCYW	Single mode optical module with dual uni-directional fiber, 622Mbps, 1550nm, 200Km, LC connector w/o DDM	
	PCCRD	Single mode optical module with dual uni-directional fiber, 622Mbps, 1550nm, 160Km, LC connector with DDM, L-4.2 extended distance	
155~622Mbps mini GBIC Dual Fiber Commercial (0 to 70°C)	PCCYD	Single mode optical module with dual uni-directional fiber, 622Mbps, 1550nm, 200Km, LC connector with DDM, L-4.2 extended distance	
	PJB2W	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1310nm, 20Km, LC connector w/o DDM, S-4.1/IR1	
	PJB4W	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1310nm, 40Km, LC connector w/o DDM, L-4.1/LR1	
	PJB5W	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1310nm, 50Km, LC connector w/o DDM, L-4.1/LR1	
	PJC8W	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1550nm, 80Km, LC connector w/o DDM, S-4.2/LR2	
	PJB2D	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1310nm, 15~20Km, LC connector with DDM, S-4.1/IR1	
	PJB4D	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1310nm, 40Km, LC connector with DDM, L-4.1/LR1	
	PJB5D	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1310nm, 50Km, LC connector with DDM, L-4.1/LR1	
	PJC8D	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1550nm, 80Km, LC connector with DDM, L-4.2/LR2	
	PJCVD	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1550nm, 110Km, LC connector with DDM, L-4.2/LR2	
PJCXD	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1550nm, 120Km, LC connector with DDM, L-4.2 extended distance		
622M CWDM Dual Fiber Commercial (0 to 70°C)	DCC8D-D55	CWDM mode optical module with dual uni-directional fiber, 622Mbps, 1550nm, 80Km, LC connector with DDM	<ul style="list-style-type: none"> Use 2 fibers for all SFP optical modules For CWDM SFP modules, the wavelength ordering code -Dxx must be specified.
	DCCXD-D55	CWDM mode optical module with dual uni-directional fiber, 622Mbps, 1550nm, 120Km, LC connector with DDM	

622Mbps Bi-directional Single Fiber Commercial (0 to 70°C)	PCQ8W	Single mode optical module with single bi-directional fiber, 622Mbps, Tx 1510 nm / Rx 1570 nm, 80Km, LC connector w/o DDM	<ul style="list-style-type: none"> 1510 nm from master to slave Order PCQ8W to use with PCR8W Use 1 fiber
	PCR8W	Single mode optical module with single bi-directional fiber, 622Mbps, Tx 1570 nm / Rx 1510 nm, 80Km, LC connector w/o DDM	<ul style="list-style-type: none"> 1570 nm from slave to master Order PCR8W to use with PCQ8W Use 1 fiber
155~622Mbps Bi-directional Single Fiber Commercial (0 to 70°C)	PJD2W	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1310 nm / Rx 1550 nm, 20Km, LC connector w/o DDM, S-4.1/IR1	<ul style="list-style-type: none"> 1310 nm from master to slave Order PJD2W to use with PJE2W Use 1 fiber
	PJE2W	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1550 nm / Rx 1310 nm, 20Km, LC connector w/o DDM, S-4.2/IR2	<ul style="list-style-type: none"> 1550 nm from slave to master Order PJE2W to use with PJD2W Use 1 fiber
	PJD4W	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1310 nm / Rx 1550 nm, 40Km, LC connector w/o DDM, S-4.1/IR1	<ul style="list-style-type: none"> 1310 nm from master to slave Order PJD4W to use with PJE4W Use 1 fiber
	PJE4W	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1550 nm / Rx 1310 nm, 40Km, LC connector w/o DDM, S-4.2/IR2	<ul style="list-style-type: none"> 1550 nm from slave to master Order PJE4W to use with PJD4W Use 1 fiber
	PJD6W	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1490 nm / Rx 1550 nm, 60Km, LC connector w/o DDM, L-4.1/LR1	<ul style="list-style-type: none"> 1310 nm from master to slave Order PJD6W to use with PJE6W Use 1 fiber
	PJE6W	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1550 nm / Rx 1490 nm, 60Km, LC connector w/o DDM, L-4.2/LR2	<ul style="list-style-type: none"> 1550 nm from slave to master Order PJE6W to use with PJD6W Use 1 fiber
	PJD2D	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1310 nm / Rx 1550 nm, 20Km, LC connector with DDM, S-4.1/IR1	<ul style="list-style-type: none"> 1310 nm from master to slave Order PJD2D to use with PJE2D Use 1 fiber
	PJE2D	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1550 nm / Rx 1310 nm, 20Km, LC connector with DDM, S-4.2/IR2	<ul style="list-style-type: none"> 1550 nm from slave to master Order PJE2D to use with PJD2D Use 1 fiber
	PJD4D	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1310 nm / Rx 1550 nm, 40Km, LC connector with DDM, S-4.1/IR1	<ul style="list-style-type: none"> 1310 nm from master to slave Order PJD4D to use with PJE4D Use 1 fiber
	PJE4D	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1550 nm / Rx 1310 nm, 40Km, LC connector with DDM, S-4.2/IR2	<ul style="list-style-type: none"> 1550 nm from slave to master Order PJE4D to use with PJD4D Use 1 fiber
	PJD6D	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1310 nm / Rx 1550 nm, 60Km, LC connector with DDM, L-4.1/LR1	<ul style="list-style-type: none"> 1310 nm from master to slave Order PJD6D to use with PJE6D Use 1 fiber
	PJE6D	Single mode optical module with single bi-directional fiber, 155~622Mbps, Tx 1550 nm / Rx 1310 nm, 60Km, LC connector with DDM, L-4.2/LR2	<ul style="list-style-type: none"> 1550 nm from slave to master Order PJE6D to use with PJD6D Use 1 fiber

NOTE: For other special optical modules, please contact your nearest Loop sales representative.

5.2 Industrial Range (-40 to +85°C)

155~622Mbps (mini GBIC) Dual Fiber Industrial (-40 to +85°C)	PJT2D	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1310nm, 20Km, LC connector with DDM, S-4.1/IR1
	PJT5D	Single mode optical module with dual uni-directional fiber, 155~622Mbps, 1310nm, 50Km, LC connector with DDM, L4.1/LR1

6 155M/125M Ordering Info

6.1 Commercial Range (0 to 70°C)

Used in Products: IP6416, IP6700, IP6763, IP6702, IP6810, O9100S, O9150, O9330, O9400S, O9400R, O9500R, O9550, O9610, V4150, 7FOM card for O9400R/O9500R, IP6510-LN, IP6510*

*Future Option

SFP 155/125 Mbps (mini GBIC) Dual Fiber Commercial (0 to 70°C)	MHATW	Multi mode optical module with dual uni-directional fiber, 155/125Mbps, 850nm, 2Km, LC connector w/o DDM, Fast Ethernet and compliant with ITU G.957	<ul style="list-style-type: none"> Use 2 fibers for all SFP optical modules
	MHBTW	Multi mode optical module with dual uni-directional fiber, 155/125Mbps, 1310nm, 2Km, LC connector w/o DDM, Fast Ethernet and compliant with ITU G.957	
	PHB3W	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1310nm, 30Km, LC connector w/o DDM, S-1.1/IR1/Fast Ethernet	
	PHB5W	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1310nm, 50Km, LC connector w/o DDM, L-1.1/LR1/Fast Ethernet	
	PHCUW	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1550nm, 100Km, LC connector w/o DDM, L-1.2/LR2/Fast Ethernet	
	PHCXW	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1550nm, 120Km, LC connector w/o DDM, L-1.2 extended distance	
	PHCZW	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1550nm, 240Km, LC connector w/o DDM, SONET OC-3 / SDH/STM-1	
	PHB3D	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1310nm, 30Km, LC connector with DDM, S-1.1/IR1/Fast Ethernet	
	PHB5D	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1310nm, 50Km, LC connector with DDM, L-1.1/LR1/Fast Ethernet	
	PHC8D	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1550nm, 80Km, LC connector with DDM, L-1.2/LR2	
	PHCUD	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1550nm, 100Km, LC connector with DDM, L-1.2/LR2/Fast Ethernet	
	PHCXD	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1550nm, 120Km, LC connector with DDM, L-1.2 extended distance	
	PHCRD	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1550nm, 160Km, LC connector with DDM, L-4.2 extended distance	
	PHCYD	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1550nm, 200Km, LC connector with DDM, L-4.2 extended distance	
PHCZD	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1550nm, 240Km, LC connector with DDM, L-4.2 extended distance		

SFP 155 Mbps CWDM Dual Fiber Commercial (0 to 70°C)	DHC8D-D55	CWDM mode optical module with dual uni-directional fiber, 155Mbps, 1550nm, 80Km, LC connector with DDM, Telcordia GR-253 OC-3/ITU-T G.957 STM-1 Compliant	<ul style="list-style-type: none"> Use 2 fibers for all SFP optical modules For CWDM SFP modules, the wavelength ordering code -Dxx must be specified.
	DHCXD-D55	CWDM mode optical module with dual uni-directional fiber, 155Mbps, 1550nm, 120Km, LC connector with DDM, Telcordia GR-253 OC-3/ITU-T G.957 STM-1 Compliant	

155 Mbps Bi-directional Single Fiber Commercial (0 to 70°C)	PHD2W	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1310 nm / Rx 1550 nm, 10~20Km, LC connector w/o DDM, Fast Ethernet and compliant with ITU G.957	<ul style="list-style-type: none"> 1310 nm from master to slave Order PHD2W to use with PHE2W Use 1 fiber
	PHE2W	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1550 nm / Rx 1310 nm, 10~20Km, LC connector w/o DDM, Fast Ethernet and compliant with ITU G.957	<ul style="list-style-type: none"> 1550 nm from slave to master Order PHE2W to use with PHD2W Use 1 fiber
	PHD4W	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1310 nm / Rx 1550 nm, 40Km, LC connector w/o DDM, Fast Ethernet and compliant with ITU G.957	<ul style="list-style-type: none"> 1310 nm from master to slave Order PHD4W to use with PHE4W Use 1 fiber
	PHE4W	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1550 nm / Rx 1310 nm, 40Km, LC connector w/o DDM, Fast Ethernet and compliant with ITU G.957	<ul style="list-style-type: none"> 1550 nm from slave to master Order PHE4W to use with PHD4W Use 1 fiber
	PHD6W	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1310 nm / Rx 1550 nm, 60Km, LC connector w/o DDM, Extend distance L4.2	<ul style="list-style-type: none"> 1310 nm from master to slave Order PHD6W to use with PHE6W Use 1 fiber
	PHE6W	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1550 nm / Rx 1310 nm, 60Km, LC connector w/o DDM, Extend distance L4.2, L1.2/Fast Ethernet	<ul style="list-style-type: none"> 1550 nm from slave to master Order PHE6W to use with PHD6W Use 1 fiber
	PHD8W	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1310 nm / Rx 1550 nm, 80Km, LC connector w/o DDM, Extend distance L4.2	<ul style="list-style-type: none"> 1490 nm from master to slave Order PHD8W to use with PHE8W Use 1 fiber
	PHE8W	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1550 nm / Rx 1310 nm, 80Km, LC connector w/o DDM, Extend distance L4.2	<ul style="list-style-type: none"> 1570 nm from slave to master Order PHE8W to use with PHD8W Use 1 fiber
	PHQXW	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1510 nm / Rx 1590 nm, 120Km, LC connector w/o DDM, Extend distance L4.2/Fast Ethernet	<ul style="list-style-type: none"> 1490 nm from master to slave Order PHQXW to use with PHRXW Use 1 fiber
	PHRXW	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1590 nm / Rx 1510 nm, 120Km, LC connector w/o DDM, Extend distance L4.2/Fast Ethernet	<ul style="list-style-type: none"> 1570 nm from slave to master Order PHRXW to use with PHQXW Use 1 fiber
	PHQRW	Single mode optical module with single bi-directional fiber, 155Mbps, Tx 1510 nm / Rx 1590 nm, 160Km, LC connector w/o DDM, Extend distance L4.2	<ul style="list-style-type: none"> 1490 nm from master to slave Order PHQRW to use with PHRRW Use 1 fiber
	PHRRW	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1590 nm / Rx 1510 nm, 160Km, LC connector w/o DDM, Extend distance L4.2	<ul style="list-style-type: none"> 1570 nm from slave to master Order PHRRW to use with PHQRW Use 1 fiber
	PHQYW	Single mode optical module with single bi-directional fiber, 155/125Mbps, Tx 1510 nm / Rx 1590 nm, 200Km, LC connector w/o DDM, Extend distance L4.2	<ul style="list-style-type: none"> 1490 nm from master to slave Order PHQYW to use with PHRYW Use 1 fiber

	PHRYW	Single mode optical module with single bi-directional fiber, 155Mbps, Tx 1590 nm / Rx 1510 nm, 200Km, LC connector w/o DDM, Extend distance L4.2	<ul style="list-style-type: none"> ▪ 1570 nm from slave to master ▪ Order PHRYW to use with PHQYW ▪ Use 1 fiber
	PHQXD	Single mode optical module with single bi-directional fiber, 155Mbps, Tx 1510 nm / Rx 1570 nm, 120Km, LC connector with DDM, Fast Ethernet	<ul style="list-style-type: none"> ▪ 1510 nm from master to slave ▪ Order PHQXD to use with PHRXD ▪ Use 1 fiber
	PHRXD	Single mode optical module with single bi-directional fiber, 155Mbps, Tx 1570 nm / Rx 1510 nm, 120Km, LC connector with DDM, Fast Ethernet	<ul style="list-style-type: none"> ▪ 1570 nm from slave to master ▪ Order PHRXD to use with PHQXD ▪ Use 1 fiber

NOTE: For other special optical modules, please contact your nearest Loop sales representative.

6.2 Industrial Range (-40 to 85°C)

Used in Products: IP6810

SFP 155 Mbps (mini GBIC) Dual Fiber Industrial (-40 to 85°)	MHTTW	Multi mode optical module with dual uni-directional fiber, 155/125Mbps, 1310nm, 2Km, LC connector w/o DDM, Fast Ethernet and compliant with ITU G.957	▪ Use 2 fibers for all SFP optical modules
	PHT3W	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1310nm, 30Km, LC connector w/o DDM, S-1.1/IR1	
	PHT6W	Single mode optical module with dual uni-directional fiber, 155/125Mbps, 1310nm, 60Km, LC connector w/o DDM, L-1.1/LR1	

6.3 Electrical Transceiver

Used in Products: O9500R, O9400S, O9400R, O9100

155 Mbps Electrical transceiver (-40 to 85°)	EHNAC	Electrical transceiver module, 155M, 100m, RF connector 1.0/2.3 (75-ohm impedance)	
---	--------------	--	--

NOTE: For other special optical modules, please contact your nearest Loop sales representative.

Used in Products: IP6820

10/100/100 Mbps Electrical transceiver (0 to 70°)	EMOAR	Electrical transceiver module, 1.25G for Multi rate 10/100/1000M, 100m, RJ45 connector	
--	--------------	--	--



LoopTelecom.com

LOOP TELECOMMUNICATION INTERNATIONAL, INC.
ISO 9001 / ISO 14001

Worldwide

8F, No. 8, Hsin Ann Road
Hsinchu Science Park
Hsinchu, Taiwan 30078
+886-3-578-7696
www.looptelecom.com
sales@looptelecom.com

Taipei, Taiwan

6F, No. 36, Alley 38, Lane 358
Rueiguang Road
Neihu, Taiwan 11492
+886-2-2659-0399
michael_tzeng@looptelecom.com

North America

8 Carrick Road
Palm Beach Gardens
Florida 33418, U.S.A.
+1-561-627-7947
jimber561@aol.com

Tianjin, China

No. 240 Baidi Road
Nankai District
Tianjin 300192 China
+86-22-8789-4027
wym@loop-tj.com

© 2015 Loop Telecommunication International, Inc.
Version 12 April 30, 2015

All Rights Reserved
Subject to change without notice

