

## 2x5, LC Transceiver



## Product Specifications

## OC3/STM1/Fast Ethernet

Part Number <small>Note1</small>	Bit Rate (Mbps)	Wavelength (nm)	Media	Distance	Application	TX Power (dBm)	RX Sens. (dBm)	Temp. (°C) <small>Note2</small>	Voltage (V)	Note
LM34-A3S-PC-N	155	1310 (LED)	MMF	2 km	Fast Ethernet/OC3	-14 ~ -20	<-31	0 ~ 70	3.3	
LM34-A3S-TC-N	155	1310 (LED)	MMF	2 km	Fast Ethernet/OC3	-14 ~ -20	<-31	0 ~ 70	3.3	
LS34-A3C-PC-N	155	1310 (FP LD)	SMF	15 km	Fast Ethernet/OC3	0 ~ -20	<-32	0 ~ 70	3.3	
LS34-A3S-PC-N	155	1310 (FP LD)	SMF	30 km	S1.1/IR1/Fast Ethernet	-8 ~ -15	<-34	0 ~ 70	3.3	
LS34-A3L-PC-N	155	1310 (FP LD)	SMF	60 km	L1.1/LR1/Fast Ethernet	0 ~ -5	<-35	0 ~ 70	3.3	
LS44-A3L-PC-N	155	1550 (DFB LD)	SMF	100 km	L1.2/LR2/Fast Ethernet	0 ~ -5	<-35	0 ~ 70	3.3	
LS44-A3U-PC-N	155	1550 (DFB LD)	SMF	120 km	Extended L1.2	+5 ~ 0	<-35	0 ~ 70	3.3	
LS34-A3L-PC-Nxx	155	1270 ~ 1450	SMF	31dB margin	CWDM	+3 ~ -4	<-35	0 ~ 70	3.3	
LS34-A3U-PC-Nxx	155	1270 ~ 1450	SMF	35dB margin	CWDM	+5 ~ 0	<-35	0 ~ 70	3.3	
LS44-A3L-PC-Nxx	155	1470 ~ 1610	SMF	31dB margin	CWDM	+3 ~ -4	<-35	0 ~ 70	3.3	
LS44-A3U-PC-Nxx	155	1470 ~ 1610	SMF	35dB margin	CWDM	+5 ~ 0	<-35	0 ~ 70	3.3	

## GbE/1X Fiber Channel

Part Number <small>Note1</small>	Bit Rate (Mbps)	Wavelength (nm)	Media	Distance	Application	TX Power (dBm)	RX Sens. (dBm)	Temp. (°C) <small>Note2</small>	Voltage (V)	Note
LM24-C3S-PC-B	1250	850 (VCSEL)	MMF	550 m	1000Base-SX	-4 ~ -9.5	<-18	0 ~ 70	3.3	
LM24-C3S-TC-B										
LS34-C3S-PC-B	1250	1310 (FP LD)	SMF	10 km	1000Base-LX	-3 ~ -9.5	<-20	0 ~ 70	3.3	
LS34-C3S-TC-B										
LS34-C3L-PC-B	1250	1310 (DFB LD)	SMF	30 km	LHX	+1 ~ -4	<-24	0 ~ 70	3.3	
LS34-C3L-TC-B										
LS44-C3L-PC-B	1250	1550 (DFB LD)	SMF	50 km	XD	+1 ~ -4	<-24	0 ~ 70	3.3	
LS44-C3L-TC-B										
LS44-C3U-PC-B	1250	1550 (DFB LD)	SMF	70 km	ZX	+5 ~ 0	<-24	0 ~ 70	3.3	
LS44-C3U-TC-B										
LS34-C3L-TC-Bxx	1250	1270~1450	SMF	20dB margin	CWDM	+1 ~ -4	<-24	0 ~ 70	3.3	
LS44-C3L-TC-Bxx	1250	1470~1610	SMF	20dB margin	CWDM	+1 ~ -4	<-24	0 ~ 70	3.3	
LS34-C3U-TC-Bxx	1250	1270~1450	SMF	24dB margin	CWDM	+5 ~ 0	<-24	0 ~ 70	3.3	
LS44-C3U-TC-Bxx	1250	1470~1610	SMF	24dB margin	CWDM	+5 ~ 0	<-24	0 ~ 70	3.3	

Note 1: B: Backward Clipper, P: PECL, T: TTL

xx : 27 = 1270 nm, xx : 29 = 1290 nm, xx : 31 = 1310 nm, xx : 33 = 1330 nm, xx : 35 = 1350 nm, xx : 37 = 1370 nm,  
 xx : 39 = 1390 nm, xx : 41 = 1410 nm, xx : 43 = 1430 nm, xx : 45 = 1450 nm, xx : 47 = 1470 nm, xx : 49 = 1490 nm,  
 xx : 51 = 1510 nm, xx : 53 = 1530 nm, xx : 55 = 1550 nm, xx : 57 = 1570 nm, xx : 59 = 1590 nm, xx : 61 = 1610 nm

Note 2: PC/TC : Commercial temperature(0~70°C), Industrial temperature (PI/TI) is available except CWDM products