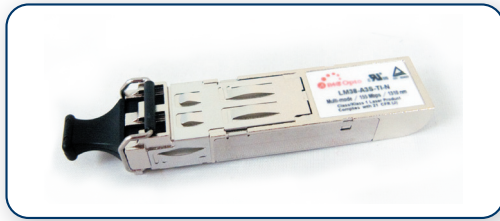
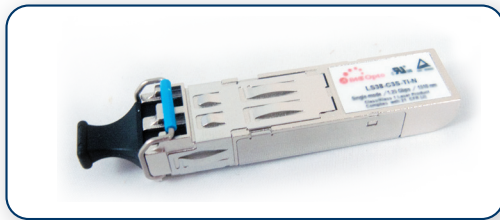


Fiber Optic Transceivers

Fast Ethernet Series



Multi-Mode



Single-Mode

| Model Name | LM38-A3S-TI-N | LS38-A3S-TI-N |
|-----------------------|----------------------------------|------------------------------|
| Data Rate (Mbps) | 155 | 155 |
| Wavelength (nm) | 1310 | 1310 |
| Light Source | LED | FP |
| Media Type | Multi-Mode | Single-Mode |
| Tx Power (dBm) | -20 ~ -14 @ 62.5/125 μm fiber | -15 ~ -8 @ 9/125 μm fiber |
| Rx Sensitivity (dBm) | -31 | -34 |
| Linkbudget (dBm) | 11 | 19 |
| Saturation (dBm) | -8 | 0 |
| Distance | 2km | 30km |
| Operating Temperature | -40°C~85°C | -40°C~85°C |
| Safety | UL/TUV | UL/TUV |

Gigabit Ethernet Series

| Model Name | LM28-C3S-TI-N | LM38-C3S-TI-N | LS38-C3S-TI-N | LS38-C3L-TI-N |
|-----------------------|--|--|-------------------------------|-----------------------------|
| Data Rate (Mbps) | 1250 | 1250 | 1250 | 1250 |
| Wavelength (nm) | 850 | 1310 | 1310 | 1310 |
| Light Source | VCSEL | FP | FP | DFB |
| Media Type | Multi-Mode | Multi-Mode | Single-Mode | Single-Mode |
| Tx Power (dBm) | -9.5 ~ -4 @50/125 or 62.5/125μm fiber | -9 ~ -1 @50/125 or 62.5/125μm fiber | -9.5 ~ -3 @ 9/125 μm fiber | -4 ~ +1 @ 9/125 μm fiber |
| Rx Sensitivity (dBm) | -18 | -19 | -20 | -24 |
| Linkbudget (dBm) | 8.5 | 10 | 10.5 | 20 |
| Saturation (dBm) | 0 | -1 | -3 | -3 |
| Distance | 550m | 2km | 10km | 30km |
| Operating Temperature | -20°C~85°C | -40°C~85°C | -40°C~85°C | -40°C ~ 85°C |
| Safety | UL/TUV | UL/TUV | UL/TUV | UL/TUV |

Ordering Information

Fast Ethernet Modules

| | |
|---------------|---|
| LM38-A3S-TI-N | SFP Transceiver, 155Mbps, 1310nmLED, Multi-mode, 2km, 3.3V, -40°C ~ 85°C |
| LS38-A3S-TI-N | SFP Transceiver, 155Mbps, 1310nmFP, Single-mode, 30km, 3.3V, -40°C ~ 85°C |

Gigabit Ethernet Modules

| | |
|---------------|---|
| LM28-C3S-TI-N | SFP Transceiver, 1250Mbps, 850nmVCSEL, Multi-mode, 550m, 3.3V, -20°C ~ 85°C |
| LM38-C3S-TI-N | SFP Transceiver, 1250Mbps, 1310nmFP, Multi-mode, 2km, 3.3V, -40°C ~ 85°C |
| LS38-C3S-TI-N | SFP Transceiver, 1250Mbps, 1310nmFP, Single-mode, 10km, 3.3V, -40°C ~ 85°C |
| LS38-C3L-TI-N | SFP Transceiver, 1250Mbps, 1310nmDFB, Single-mode, 30km, 3.3V, -40°C ~ 85°C |



Atop Technologies, Inc.

TEL : +886-3-5508137
 FAX : +886-3-5508131
 sales@atop.com.tw
 http://www.atop.com.tw

