



Industrial Networking Solutions

Accessories



Fiber Optic Transceivers | Fast Ethernet Series | Gigabit Ethernet Series | Extended Temperature



Fast Ethernet Series			
Part Number	LM38-A3S-TI-N	LS38-A3S-TI-N	AFBR-5715ALZ
Data Rate (Mbps)	155	155	850
Wavelength (nm)	1310	1310	1310
Light Source	LED	FP	VCSEL
Media Type	Multi-Mode	Single-Mode	Multi-Mode
Tx Power (dBm)	-20 ~ -14 @ 62.5/125 µm fiber	-15 ~ -8 @ 9/125 µm fiber	-9.5~-3
Rx Sensitivity (dBm)	-31	-34	-17 Max
Linkbudget (dBm)	11	19	7.5
Saturation (dBm)	-8	0	-3
Distance	2km	30km	10km
Operating Temperature	-40°C~85°C (-40°F~185°F)	-40°C~85°C (-40°F~185°F)	-40°C~85°C (-40°F~185°F)
Safety	UL/TUV	UL/TUV	UL/TUV

Gigabit Ethernet Series					
Part Number	LM28-C3S-TI-N	LM38-C3S-TI-N	LS38-C3S-TI-N	LS38-C3L-TI-N	AFCT-5715ALZ
Data Rate (Mbps)	1250	1250	1250	1250	1250
Wavelength (nm)	850	1310	1310	1310	1310
Light Source	VCSEL	FP	FP	DFB	
Media Type	Multi-Mode	Multi-Mode	Single-Mode	Single-Mode	Single-Mode
Tx Power (dBm)	- 9.5 ~ - 4 @50/125 or 62.5/125µm	- 9 ~ - 1@50/125 or 62.5/125µm	-9.5 ~ -3 @ 9/125 µm	-4 ~ +1@ 9/125 µm fiber	-9.5 ~ -3
Rx Sensitivity (dBm)	-18 Max	-19 Max	-20 Max	-24 Max	-19 Max
Linkbudget (dBm)	8.5	10	10.5	20	9.5
Saturation (dBm)	0	-1	-3	-3	-3
Distance	550m	2km	10km	30km	10Km
Operating Temperature	-20°C~85°C (-4°F~185°F)	-40°C~85°C (-40°F~185°F)	-40°C~85°C (-40°F~185°F)	-40°C~85°C (-40°F~185°F)	-40°C~85°C (-40°F~185°F)
Safety	UL/TUV	UL/TUV	UL/TUV	UL/TUV	UL/TUV