

Ethernet Connector Module Selector Guide

About Our Ethernet Connector Modules

With an extensive range of high-quality and high volume Ethernet connector modules in our product lineup, Pulse Electronics Networking BU can easily supply the parts you need to develop your next great ethernet product. Pulse works closely with the IEEE 802.3 committees to develop and test the next generation of Ethernet technology within our Ethernet connector modules. Additionally, Pulse works with the leading PHY manufacturers to test our product for compatability with their PHYs. When you select a Pulse Ethernet connector module you will have confidence in the performance, quality and high-volume manufacturability.

Pulse has a broad portfolio of catalog Ethernet connector modules but also can develop customized parts for your specific needs. Some of the options for our Ethernet connector modules are as follows.

Key Features and Benefits

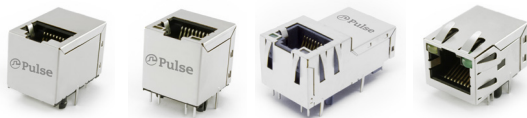
- Available for 100Base-TX, 1000Base-T, 2.5GBase-T, 5GBase-T, 10GBase-T, HDBaseT Speeds
- RoHS Compliant
- Top and Side-Entry PCB Mount Options Available
- Multiple Package Options Available, 1x1, 1xN, 2xN, RJ45/USB, Low Profile, Offset & more.
- THT, Press Fit, PIP, SMT Options
- Higher Isolation (TVSS, Surge)
- Extended Temperature -40°C to +85°C
- PoE, PoE+ & 4P PoE Capable up to 140W

Our broad portfolio of Ethernet connector modules work with almost every application requiring IEEE 802.3 twisted pair Ethernet.

Key Applications:

- Switches
- Routers
- Gateways
- Security Cameras
- Base Stations
- Access Points
- Servers
- Storage
- Video Displays





1X1 Ethernet Connector Modules

MATERIAL	NUMBER OF PORTS	SPEED	LATCH	PCB MOUNT ANGLE	PoE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
J00-0045NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.59	21.34	16.01
J00-0065NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.59	21.34	16.01
J0011D01BNL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.59	21.34	16.01
J0011D21BNL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.59	21.34	16.01
J0026D01BNL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.59	21.34	16.01
J0026D21BNL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.59	21.34	16.01
J0G-0007NL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G/O & Y	0 TO 70	11.30	24.13	17.78
J1011F01PNL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.84	25.27	16.13
J1011F21PNL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.84	25.27	16.13
J1026F01PNL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.84	25.27	16.13
J1026F21CNL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	Y & G	0 TO 70	13.84	25.27	16.13
JD0-0004NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	PoE 15W	THT	G & Y	0 TO 70	13.63	21.35	15.90
JD0-0011NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.63	21.35	15.90
JKM-0201NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	4P PoE 75W	THT	G/Y	0 TO 70	13.59	21.34	16.00
JP011821UNL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G/O & Y	0 TO 70	13.49	25.38	16.66
J0G-0009NL	1X1	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G/O & Y	0 TO 70	11.30	24.13	17.78
J1L-0103NL	1X1	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G & G	0 TO 70	11.30	26.06	17.58
JD0-0001NL	1X1	1000BASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.63	21.35	15.90
JD1-0001NL	1X1	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	Y & G	0 TO 70	13.80	21.50	15.75
JK0-0136NL	1X1	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G/Y & G	0 TO 70	13.87	33.02	16.79
JK0-0177NL	1X1	1000BASE-T	UP	SIDE ENTRY	4P PoE 75W	THT	G/Y & G	0 TO 70	13.87	33.02	16.79
JK0-0229NL	1X1	1000BASE-T	UP	SIDE ENTRY	4P PoE 120W	THT	G & Y	0 TO 70	13.87	33.02	16.79
JKM-0004NL	1X1	1000BASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.59	21.34	16.00
JK0-2500NL	1X1	2.5GBASE-T	UP	SIDE ENTRY	4P PoE 100W	THT	G/Y & G	0 TO 70	13.87	33.02	16.79
JT4-2501HL	1X1	2.5GBASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G/Y & G	0 TO 70	11.92	28.57	17.53
JK0-5101NL	1X1	5GBASE-T	UP	SIDE ENTRY	4P PoE 60W	THT	G/Y & G	0 TO 70	13.87	33.02	16.79
JK0-8001NL	1X1	HDBASE-T	UP	SIDE ENTRY	4P PoE 30W	THT	NO LEDS	0 TO 70	13.87	33.02	16.79
JT3-1125HL	1X1	10GBASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G/Y & G	0 TO 70	11.63	33.27	17.58
JT4-1108HL	1X1	10GBASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G/Y & G	0 TO 70	11.92	28.57	17.53
JT4-1160HL	1X1	10GBASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G/Y & G	0 TO 70	11.92	28.57	17.53

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber All information is reference only. See datasheet for specific information.



1X1 Ethernet Connector Modules

MATERIAL	NUMBER OF PORTS	SPEED	LATCH	PCB MOUNT ANGLE	PoE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
JT7-1104NL	1X1	10GBASE-T	UP	SIDE ENTRY	4P PoE 60W	THT	G/Y & G	0 TO 70	13.33	34.29	16.51
JTH-0024NL	1X1	10GBASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G/Y & G	0 TO 70	11.30	23.88	17.53
JX001D21BNL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.59	21.34	16.01
JX10-0061NL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	Y & G	-40 TO +85	13.84	25.27	16.13
JXD0-0006NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.63	21.35	15.90
JXD0-0008NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.63	21.35	15.90
JXD0-0012NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	PoE 15W	THT	G & Y	-40 TO +85	13.63	21.35	15.90
JXD1-0005NL	1X1	100BASE-TX	UP	SIDE ENTRY	4P PoE 30W	THT	NO LEDS	-40 TO +85	13.80	21.50	15.75
JXD1-0008NL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.80	21.50	15.75
JXD1-0009NL	1X1	100BASE-TX	UP	SIDE ENTRY	PoE 15W	THT	Y & G	-40 TO +85	13.80	21.50	15.75
JXD0-0001NL	1X1	1000BASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.63	21.35	15.90
JXD0-0015NL	1X1	1000BASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.63	21.35	15.90
JXD1-0001NL	1X1	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	Y/G	-40 TO +85	13.80	21.50	15.75
JXD1-0015NL	1X1	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	Y & G	-40 TO +85	13.80	21.50	15.75
JXK0-0136NL	1X1	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G/Y & G	-40 TO +85	13.87	33.02	16.79
JXK0-0190NL	1X1	1000BASE-T	UP	SIDE ENTRY	4P PoE 75W	THT	G/Y & G	-40 TO +85	13.87	33.02	16.79
JXK0-2500NL	1X1	2.5GBASE-T	UP	SIDE ENTRY	4P PoE 100W	THT	G/Y & G	-40 TO +85	13.87	33.02	16.79

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber

All information is reference only. See datasheet for specific information.





1XN Ethernet Connector Modules

MATERIAL	NUMBER OF PORTS	SPEED	LATCH	PCB MOUNT ANGLE	PoE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
J8064D628ANL	1X2	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.61	21.36	31.19
J8064E62NL	1X2	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	NO LEDS	0 TO 70	13.61	21.36	31.19
JX80-0019NL	1X2	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.61	21.36	31.19
JX80-0037NL	1X2	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.61	21.36	31.19
JXR8-1001NL	1X2	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT - PIP	G & Y	-40 TO +85	13.61	21.19	31.18
JG0-0024NL	1X2	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G & G	0 TO 70	13.59	25.15	31.19
JGL-0004NL	1X2	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G/A & G	0 TO 70	11.30	26.06	34.65
JXD0-2015NL	1X2	1000BASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.63	21.35	31.24
JXD1-2015NL	1X2	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.50	21.50	31.00
JXG0-0129NL	1X2	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G/Y & G	-40 TO +85	13.84	25.40	31.46
JXR8-1002NL	1X2	1000BASE-T	DOWN	SIDE ENTRY	NON-PoE	THT - PIP	G & Y	-40 TO +85	13.61	21.19	31.18
JT8-2000HL	1X2	10GBASE-T	UP	SIDE ENTRY	NON-PoE	THT	LIGHT PIPES	0 TO 70	12.34	33.02	30.07
JTL-U1002NL	1X2	10GBASE-T	UP	SIDE ENTRY	NON-PoE	THT	G/Y & G	0 TO 70	9.55	26.06	34.65
J1N-0013NL	1X4	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	12.19	57.79	34.04
J8064D648ANL	1X4	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.61	21.36	59.13
J8064E64NL	1X4	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	NO LEDS	0 TO 70	13.61	21.36	59.13
JG0-0032NL	1X4	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G/Y & G	0 TO 70	13.59	25.15	59.13
JX80-0033NL	1X4	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.61	21.36	59.13
JXD0-4005NL	1X4	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.50	21.35	59.05
J0N-0015NL	1X4	1000BASE-T	DOWN	SIDE ENTRY	PoE+ 30W	THT	G/Y & G	0 TO 70	13.61	30.48	58.24
JG0-0025NL	1X4	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G & G	0 TO 70	13.59	25.15	59.13
JX1N-0033NL	1X4	1000BASE-T	UP	SIDE ENTRY	4P PoE 30W	THT	G & G	-40 TO +85	12.19	57.79	34.04
JXD0-4015NL	1X4	1000BASE-T	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.63	21.35	59.05
JXG0-0098NL	1X4	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G/A & A	-40 TO +85	13.84	25.40	59.39
JT6-1480NL	1X4	10GBASE-T	UP	SIDE ENTRY	4P PoE 60W	THT	G/O & G	0 TO 70	12.42	32.77	58.27
JT8-4000HL	1X4	10GBASE-T	UP	SIDE ENTRY	NON-PoE	THT	LIGHT PIPES	0 TO 70	12.34	33.02	58.02
J8064D668ANL	1X6	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.61	21.36	87.07
J8064E66NL	1X6	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	NO LEDS	0 TO 70	13.61	21.36	87.07
JX8064D668ANL	1X6	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.61	21.36	87.06
JG0-0027NL	1X6	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G & G	0 TO 70	13.59	25.15	87.07
J8064D688ANL	1X8	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	13.61	21.36	114.73
J8064E68NL	1X8	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	NO LEDS	0 TO 70	13.61	21.36	114.73
JX8064D688ANL	1X8	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	G & Y	-40 TO +85	13.61	21.36	114.71
JG0-0028NL	1X8	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G & G	0 TO 70	13.59	25.15	115.01

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber

All information is reference only. See datasheet for specific information.



2XN Ethernet Connector Modules

MATERIAL	NUMBER OF PORTS	SPEED	PoE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
JCO-1011NL	2X1	1000BASE-T	NON-PoE	THT	G/Y & G	0 TO 70	26.67	34.29	16.76
JXCO-1011NL	2X1	1000BASE-T	NON-PoE	THT	G/Y & G	-40 TO +85	26.67	34.29	16.76
J20-0013NL	2X2	100BASE-TX	NON-PoE	THT	G/Y (TOP ROW)	0 TO 70	25.52	31.40	31.50
JX20-0252NL	2X2	100BASE-TX	NON-PoE	THT	G/O (TOP ROW)	-40 TO +85	25.52	31.40	31.50
JCO-0351NL	2X2	1000BASE-T	NON-PoE	THT	2X G/Y	0 TO 70	25.52	31.40	31.50
JT5-2270NL	2X2	1000BASE-T	NON-PoE	THT	LIGHT PIPES	0 TO 70	25.59	41.20	35.72
JXCO-0351NL	2X2	1000BASE-T	NON-PoE	THT	2X G/Y	-40 TO +85	25.52	31.40	31.50
JOB-2014NL	2X2	2.5GBASE-T	4P PoE 75W	THT	Y/G & Y	0 TO 70	25.45	41.53	31.50
JT5-2210NL	2X2	10GBASE-T	NON-PoE	PRESS FIT	LIGHT PIPES	0 TO 70	25.59	41.20	35.72
J20-0114NL	2X4	100BASE-TX	NON-PoE	THT	G/Y (TOP ROW)	0 TO 70	25.52	31.40	59.44
JX20-0114NL	2X4	100BASE-TX	NON-PoE	THT	G/Y & G	-40 TO +85	25.52	31.40	59.44
JX20-0254NL	2X4	100BASE-TX	NON-PoE	THT	G/O (TOP ROW)	-40 TO +85	25.52	31.40	59.44
JOB-0364NL	2X4	1000BASE-T	PoE 15W	THT	G/Y (TOP ROW)	0 TO 70	25.52	41.53	59.44
JCO-0131NL	2X4	1000BASE-T	NON-PoE	THT	NO LEDS	0 TO 70	25.52	28.95	59.44
JXOB-3051NL	2X4	1000BASE-T	PoE+ 30W	THT	G/Y & G	-40 TO +85	25.52	41.53	59.44
JOB-2005NL	2X4	2.5GBASE-T	4P PoE 75W	THT	G & G	0 TO 70	25.52	41.53	59.44
JOB-5401NL	2X4	5GBASE-T	4P PoE 60W	THT	NO LEDS	0 TO 70	25.52	39.37	59.44
JT5-2410NL	2X4	10GBASE-T	NON-PoE	PRESS FIT	LIGHT PIPES	0 TO 70	25.59	41.20	63.66
JOB-0366NL	2X6	1000BASE-T	PoE 15W	THT	G/Y & G	0 TO 70	25.52	41.53	87.38
JOB-3416NL	2X6	1000BASE-T	PoE 36W	THT	G/Y & G	0 TO 70	25.52	41.53	87.38
JOB-3563NL	2X6	1000BASE-T	4P PoE 120W	THT	G & Y	0 TO 70	25.52	41.53	87.38
JCO-0132NL	2X6	1000BASE-T	NON-PoE	THT	NO LEDS	0 TO 70	25.52	28.95	87.38
JOB-2015NL	2X6	2.5GBASE-T	4P PoE 75W	THT	G/Y & G	0 TO 70	25.52	41.53	87.38
JT5-2470NL	2X6	10GBASE-T	NON-PoE	THT	LIGHT PIPES	0 TO 70	25.59	41.20	87.12
JT5-2610CNL	2X6	10GBASE-T	NON-PoE	PRESS FIT	LIGHT PIPES	0 TO 70	25.59	41.20	87.12
JT5-2670NL	2X6	10GBASE-T	NON-PoE	THT	LIGHT PIPES	0 TO 70	25.59	41.20	87.12
JOB-0368NL	2X8	1000BASE-T	PoE 15W	THT	G/Y & G	0 TO 70	25.52	41.53	115.06
JT5-2810NL	2X8	10GBASE-T	NON-PoE	PRESS FIT	LIGHT PIPES	0 TO 70	25.59	41.20	117.70
JT5-2870NL	2X8	10GBASE-T	NON-PoE	THT	LIGHT PIPES	0 TO 70	25.59	41.20	117.70

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber

All information is reference only. See datasheet for specific information.



Top Entry Ethernet Connector Modules

MATERIAL	NUMBER OF PORTS	SPEED	PCB MOUNT ANGLE	PoE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
JD2-0001NL	1X1	100BASE-TX	TOP ENTRY	NON-PoE	THT	Y & G	0 TO 70	16.85	16.00	16.81
JD2-0010NL	1X1	100BASE-TX	TOP ENTRY	NON-PoE	THT	G & Y	0 TO 70	16.85	16.00	16.81
JD3-0002NL	1X1	1000BASE-T	TOP ENTRY	NON-PoE	THT	Y & G	0 TO 70	16.87	23.15	16.10
J1V-U2100NL	1X1	1000BASE-T	TOP ENTRY	4P PoE 75W	THT - PIP	Y/G & G	0 TO 70	14.77	34.29	17.60
J1V-U2500NL	1X1	2.5GBASE-T	TOP ENTRY	4P PoE 100W	THT - PIP	Y/G & G	0 TO 70	14.77	34.29	17.60
J1V-U5000NL	1X1	5GBASE-T	TOP ENTRY	4P PoE 70W	THT - PIP	Y/G & G	0 TO 70	14.77	34.29	17.60
J1V-U7000NL	1X1	10GBASE-T	TOP ENTRY	4P PoE 60W	THT - PIP	Y/G & G	0 TO 70	14.77	34.29	17.60
JXD2-0010NL	1X1	100BASE-TX	TOP ENTRY	NON-PoE	THT	Y & G	-40 TO +85	16.85	16.00	16.81
JXD3-0003NL	1X1	100BASE-TX	TOP ENTRY	4P PoE 30W	THT	NO LEDS	-40 TO +85	16.87	23.15	16.10
JXD2-0015NL	1X1	1000BASE-T	TOP ENTRY	NON-PoE	THT	Y & G	-40 TO +85	16.85	16.00	16.81
JXD3-0002NL	1X1	1000BASE-T	TOP ENTRY	NON-PoE	THT	Y & G	-40 TO +85	16.87	23.15	16.10

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber

All information is reference only. See datasheet for specific information.



Pulse has a broad portfolio of PoE capable integrated connectors that support PoE to 4P PoE up to 140W maximum power.



Key Features and Benefits

- IEEE 802.3 compliant
- 100Base-TX to 10GBase-T performance
- PoE to 4P PoE up to 140W max.
- 1X1, 1XN, 2XN solutions

Key Applications:

- Base Stations
- Access Points
- Notebooks
- Security Cameras
- Video Displays
- Thin Clients

PoE Ethernet Connector Modules

MATERIAL	NUMBER OF PORTS	SPEED	LATCH	PCB MOUNT ANGLE	POE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
JDO-0004NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	PoE 15W	THT	G & Y	0 TO 70	13.63	21.35	15.90
JKM-0201NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	4P PoE 75W	THT	G/Y	0 TO 70	13.84	21.59	16.26
JXD0-0012NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	PoE 15W	THT	G & Y	-40 TO +85	13.63	21.35	15.90
JXD1-0005NL	1X1	100BASE-TX	UP	SIDE ENTRY	4P PoE 30W	THT	NO LEDS	-40 TO +85	13.80	21.50	15.75
JXD1-0009NL	1X1	100BASE-TX	UP	SIDE ENTRY	PoE 15W	THT	Y & G	-40 TO +85	13.80	21.50	15.75
JXD3-0003NL	1X1	100BASE-TX	NA	TOP ENTRY	4P PoE 30W	THT	NO LEDS	-40 TO +85	16.87	23.15	16.10
JIV-U2100NL	1X1	1000BASE-T	NA	TOP ENTRY	4P PoE 75W	THT - PIP	Y/G & G	0 TO 70	14.77	34.29	17.60
JK0-0177NL	1X1	1000BASE-T	UP	SIDE ENTRY	4P PoE 75W	THT	G/Y & G	0 TO 70	13.87	33.02	16.79
JXK0-0190NL	1X1	1000BASE-T	UP	SIDE ENTRY	4P PoE 75W	THT	G/Y & G	-40 TO +85	13.87	33.02	16.79
JIV-U2500NL	1X1	2.5GBASE-T	NA	TOP ENTRY	4P PoE 100W	THT - PIP	Y/G & G	0 TO 70	14.77	34.29	17.60
JK0-2500NL	1X1	2.5GBASE-T	UP	SIDE ENTRY	4P PoE 100W	THT	G/Y & G	0 TO 70	13.87	33.02	16.79

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber

All information is reference only. See datasheet for specific information.



PoE Ethernet Connector Modules

MATERIAL	NUMBER OF PORTS	SPEED	LATCH	PCB MOUNT ANGLE	PoE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
J1V-U5000NL	1X1	5GBASE-T	NA	TOP ENTRY	4P PoE 70W	TTHT - PIP	Y/G & G	0 TO 70	14.77	34.29	17.60
JK0-5101NL	1X1	5GBASE-T	UP	SIDE ENTRY	4P PoE 60W	THT	G/Y & G	0 TO 70	13.87	33.02	16.79
J1V-U7000NL	1X1	10GBASE-T	NA	TOP ENTRY	4P PoE 60W	THT - PIP	Y/G & G	0 TO 70	14.77	34.29	17.60
J0N-0015NL	1X4	1000BASE-T	DOWN	SIDE ENTRY	PoE+ 30W	THT	G/Y & G	0 TO 70	13.61	30.48	58.24
JX1N-0033NL	1X4	1000BASE-T	UP	SIDE ENTRY	4P PoE 30W	THT	G & G	-40 TO +85	12.19	57.79	34.04
JT6-1480NL	1X4	10GBASE-T	UP	SIDE ENTRY	4P PoE 60W	THT	G/O & G	0 TO 70	12.42	32.77	58.27
J0B-0364NL	2X4	1000BASE-T	BOTH	SIDE ENTRY	PoE 15W	THT	G/Y (TOP ROW)	0 TO 70	25.52	41.53	59.44
J0B-2005NL	2X4	2.5GBASE-T	BOTH	SIDE ENTRY	4P PoE 75W	THT	G & G	0 TO 70	25.52	41.53	59.44
J0B-5401NL	2X4	5GBASE-T	BOTH	SIDE ENTRY	4P PoE 60W	THT	NO LEDS	0 TO 70	25.52	39.37	59.44
J0B-0366NL	2X6	1000BASE-T	BOTH	SIDE ENTRY	PoE 15W	THT	G/Y & G	0 TO 70	25.27	41.53	87.38
J0B-3416NL	2X6	1000BASE-T	BOTH	SIDE ENTRY	PoE 36W	THT	G/Y & G	0 TO 70	25.52	41.53	87.38
J0B-3563NL	2X6	1000BASE-T	BOTH	SIDE ENTRY	4P PoE 120W	THT	G & Y	0 TO 70	25.52	41.53	87.38
J0B-0368NL	2X8	1000BASE-T	BOTH	SIDE ENTRY	PoE 15W	THT	G/Y & G	0 TO 70	25.27	41.53	115.06

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber

All information is reference only. See datasheet for specific information.



Pulse's Pin-in-Place (PIP) Ethernet Connector Modules are designed to allow for reflow soldering removing on step in the manufacturing process. Pulse parts operate with a wide range of industrial protocols. Our modules provide safety isolation and noise suppression in a single solution.



Key Features and Benefits

- IEEE 802.3 performance up to 10G
- Reflow soldering
- Multiple form factors
- Supports all major PHY suppliers

Key Applications:

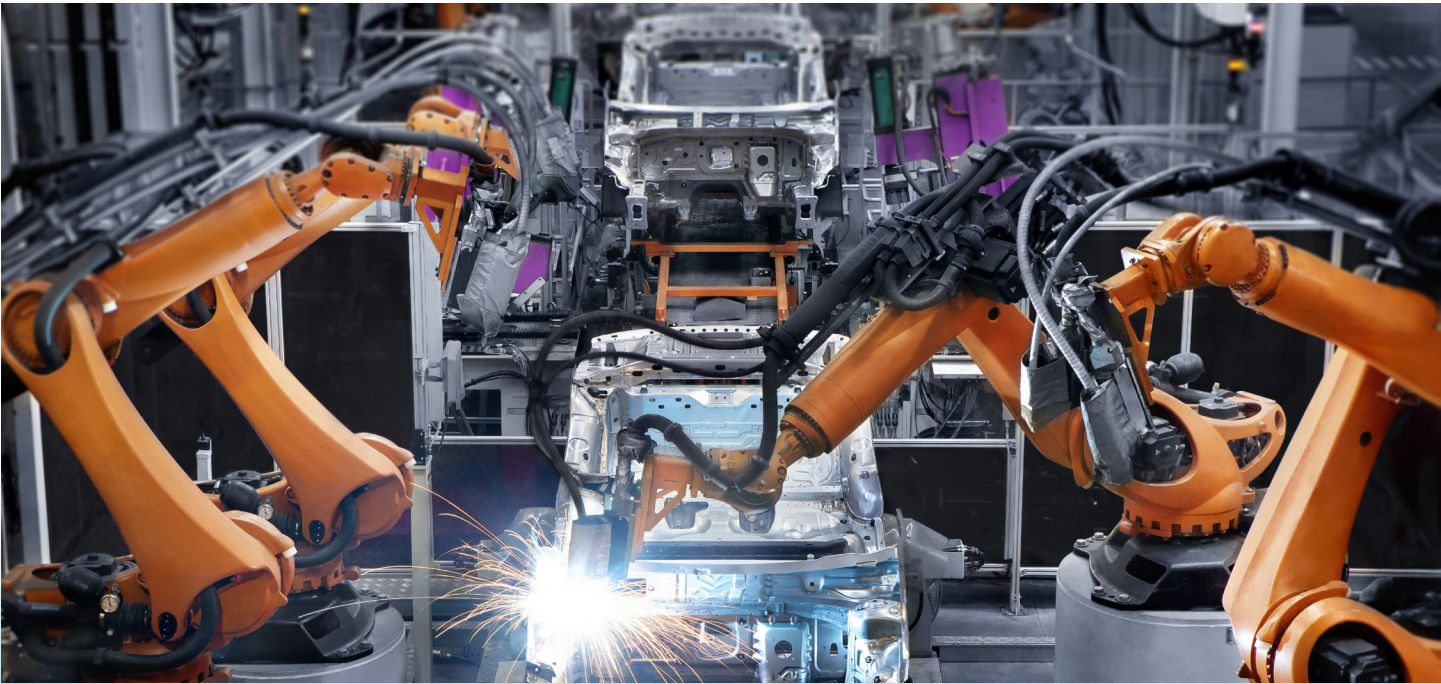
- Industrial Automation
- Displays
- Rugged Communication Networks
- Access Control
- Security and Image Processing

Pin In Paste (PIP) Ethernet Connector Modules

MATERIAL	NUMBER OF PORTS	SPEED	LATCH	PCB MOUNT ANGLE	PoE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
JXR0-0005NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT - PIN	NO LEDS	-40 TO +85	13.84	21.59	16.26
JXR0-0015NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT - PIN	G & Y	-40 TO +85	13.84	21.59	16.26
JXR1-0011NL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	TTHT - PIN	G/Y	-40 TO +85	13.84	25.40	16.26
JXR1-0015NL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT - PIN	G/Y	-40 TO +85	13.84	25.40	16.26
J1V-U2100NL	1X1	1000BASE-T	NA	TOP ENTRY	4P PoE 75W	THT - PIN	Y/G & G	0 TO 70	14.77	34.29	17.60
J1V-U2500NL	1X1	2.5GBASE-T	NA	TOP ENTRY	4P PoE 100W	THT - PIN	Y/G & G	0 TO 70	14.77	34.29	17.60
J1V-U5000NL	1X1	5GBASE-T	NA	TOP ENTRY	4P PoE 70W	THT - PIN	Y/G & G	0 TO 70	14.77	34.29	17.60
J1V-U7000NL	1X1	10GBASE-T	NA	TOP ENTRY	4P PoE 60W	THT - PIN	Y/G & G	0 TO 70	14.77	34.29	17.60
JXR8-1001NL	1X2	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT - PIN	G & Y	-40 TO +85	13.61	21.19	31.18
JXR8-1002NL	1X2	1000BASE-T	DOWN	SIDE ENTRY	NON-PoE	THT - PIN	G & Y	-40 TO +86	13.61	21.19	31.18

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber

All information is reference only. See datasheet for specific information.





SMT Ethernet Connector Modules

MATERIAL	NUMBER OF PORTS	SPEED	LATCH	PCB MOUNT ANGLE	PoE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
JOC-0003NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	SMT	NO LEDS	0 TO 70	14.38	21.59	16.26
JOC-0004NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	SMT	NO LEDS	0 TO 70	14.38	21.59	16.26
JOC-0005NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	SMT	NO LEDS	0 TO 70	14.38	21.59	16.26
JOC-0006NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	SMT	NO LEDS	0 TO 70	14.38	21.59	16.26
J3011G21DNL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	SMT	G & Y	0 TO 70	13.61	25.40	16.10
J3026G01DNL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	SMT	G & Y	0 TO 70	13.61	25.40	16.10
J3026G21DNL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	SMT	G & Y	0 TO 70	13.61	25.40	16.10
JV006121NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	NO LEDS	0 TO 70	12.88	23.75	16.79
JV011121NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	SMT	NO LEDS	0 TO 70	12.88	23.75	16.79
JV026121NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	SMT	NO LEDS	0 TO 70	12.88	23.75	16.79
JX0C-0005NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	THT	NO LEDS	-40 TO +85	14.38	21.59	16.26
JX30-0005NL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	SMT	G & Y	-40 TO +85	13.61	25.40	16.10
JXD6-0001NL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	SMT	G & Y	-40 TO +85	13.95	23.05	16.80
JXD6-0002NL	1X1	100BASE-TX	UP	SIDE ENTRY	NON-PoE	SMT	G & G	-40 TO +85	13.95	23.05	16.80
JXD6-1100NL	1X1	100BASE-TX	DOWN	SIDE ENTRY	NON-PoE	SMT	NO LEDS	-40 TO +85	14.00	21.35	15.95

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber

All information is reference only. See datasheet for specific information.



RJ45-USB Ethernet Connector Module

MATERIAL	SPEED	LATCH	PCB MOUNT ANGLE	PoE RATING	PACKAGE	LED OPTION	TEMPERATURE (°C)	HEIGHT (mm)	LENGTH (mm)	WIDTH (mm)
JD4-1001NL	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G & Y	0 TO 70	21.04	25.78	16.89
JXD4-1002NL	100BASE-TX	UP	SIDE ENTRY	NON-PoE	THT	G/O & Y	-40 TO +85	21.04	25.78	16.89
JW0-0006NL	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G&G/Y	0 TO 70	31.01	27.43	18.82
JW0-0013NL	1000BASE-T	UP	SIDE ENTRY	NON-PoE	THT	G/O & Y	0 TO 70	31.01	27.43	18.82

*LED Option colors: G=Green Y=Yellow, O=Orange, A=Amber

All information is reference only. See datasheet for specific information.

Network Division Mission Statement

Our goal is to be the preferred technology partner for copper connectivity interface solutions to leading suppliers of communication network equipment & devices.

Core Skills

- Demonstrated design/engineering and high volume expertise
- Strong relationships with leading electronic OEM's, CEM's & PHY companies
- Excellent value and outstanding quality products delivered from high-volume production facilities
- Geographic proximity to customers' design and production sites
- Worldwide distribution support

Resources

- Pulse Networking Website
 - » Buy Now
 - » Sample Portal
 - » Datasheets, RoHS CoC, 3d Models
 - » Application Guides
 - » Enhanced Product Finder
 - » New Product Releases
- Technical Support
 - » America's
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 - » Europe, Middle East, Africa:
Comms-Apps-Europe@pulseelectronics.com
 - » Asia, Australia (Pacific Rim), Korea
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