

High quality shielded and unshielded RJ45 connectors paired for optimum performance and reliability with ProPlex ethernet cables.

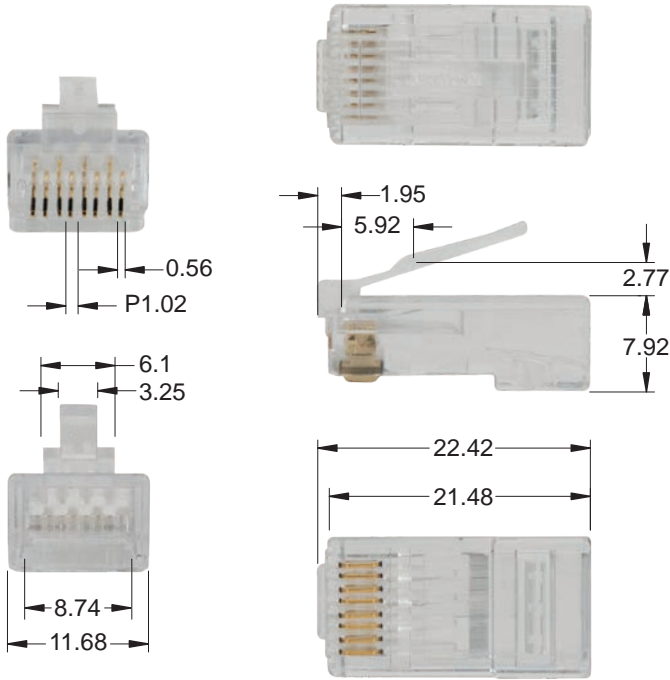


Use this table to determine which ProSeries RJ45 connector to use with each ProPlex cable. Also the part number for compatible ProShell Backshell, EtherCON connector, or snagless rubber boot.

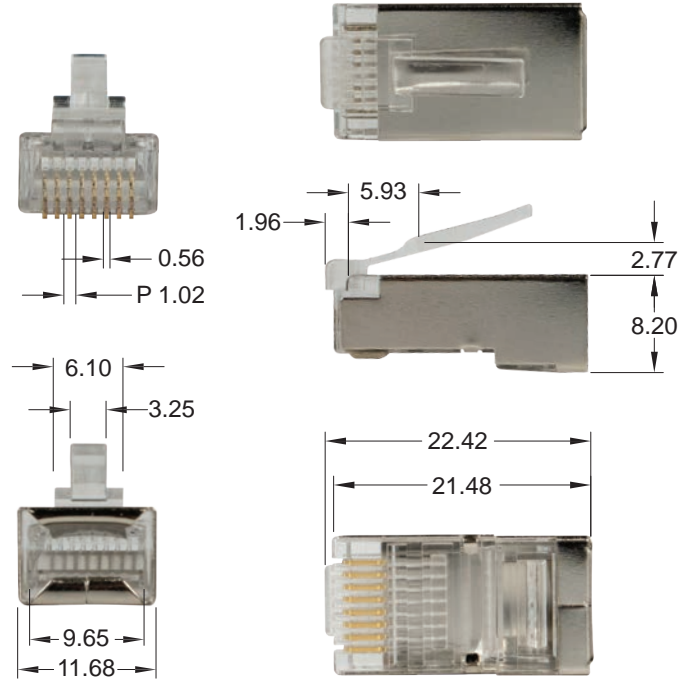
ProPlex Ethernet Cable Part Number	Cable OD	ProSeries RJ45 Part Number	ProShell Part Number	EtherCON Part Number	Rubber Boot Part Number
PCCAT5EUTPP	6.2 mm +/- 0.3 mm	RJ45K	PRJ0V2-BK	NE8MXB-1	RJ45KBTBK
PCCAT5EP26AWG	6.9 mm +/- 0.3 mm	RJ45SKV1	PRJ0V2-BK	NE8MXB-1	RJ45KBTBK
PCCAT5EPWE	7.1 mm +/- 0.3 mm	RJ45SKV1	PRJ0V2-BK	NE8MXB-1	RJ45KBTBK
PCCAT5EPU	8.1 mm +/- 0.3 mm	RJ45SKV4	PRJ0EX-BK	NE8MXB-1	RJ45V2BTBK
PCCAT5EPU2X	7.9 mm +/- 0.3 mm	RJ45SKV4	PRJ0EX-BK	NE8MXB-1	RJ45V2BTBK
PCCAT5ETU4X	8.1 mm +/- 0.3 mm	RJ45SKV4	PRJ0EX-BK	NE8MXB-1	RJ45V2BTBK
PCCAT6AP	8.1 mm +/- 0.3 mm	RJ45SKV4	PRJ0EX-BK	NE8MXB-1	RJ45V2BTBK
PCCAT6AP2X	8.6 mm +/- 0.3 mm	RJ45SKV4	PRJ0EX-BK	NE8MXB-1	RJ45V2BTBK
PCCAT6APX	8.1 mm +/- 0.3 mm	RJ45SKV4	PRJ0EX-BK	NE8MXB-1	RJ45V2BTBK

Specifications			
	RJ45K	RJ45SKV1	RJ45SKV4
Housing Material	Clear Polycarbonate, UL94V-2	Clear Polycarbonate, UL94V-2	Clear Polycarbonate, UL94V-2
Contact Material	6U below brass. 15U above phosphor bronze.	Phosphor bronze with 50U hard gold plating	Phosphor bronze with 50U hard gold plating
Shield Material	No Shield	Nickel plated brass	Nickel plated brass
Wire Diameter	23-24 AWG	23-26 AWG	22-23 AWG
Cable Outside Diameter	6-7.5 mm	6-7.5 mm	6-8.6 mm
Operating Temperature	-10 to 60 °C	-40 to 80 °C	-20 to 75 °C
Voltage Rating	30 VAC, 1.5A	125 VAC, 1.5 A	250 VAC, 2.0 A
Dielectric Rating	500 VAC	500 VAC	1000 VAC
Insulation Resistance	500 megaohms	500 megaohms	500 megaohms
Termination Resistance	20 milliohms max.	35 milliohms max.	20 milliohms max
Standards	REACH, FCC Part 68, IEC 60603-7, UL Certified and RoHS compliant.	REACH, FCC Part 68, IEC 60603-7, UL Certified and RoHS compliant.	REACH, FCC Part 68, IEC 60603-7, UL Certified and RoHS compliant.

RJ45K Dimensions in millimeters



RJ45SKV1 Dimensions in millimeters



RJ45SKV4 Dimensions in millimeters

