

# TE Industrial Ethernet Connectors

RoHS Compliant This product is RoHS compliant.

**TE** Authorized Distributor  
connectivity

## CEELOK FAS-T CONNECTORS

### Features:

- 1 Gbit-Ethernet and 10 Gbit-Ethernet when used with Cat 5e, Cat 6A or Cat 7 cables
- Crimp snap, 39029-style contacts for easy termination and field repairability
- T-shaped pin pattern improves S1 through uniform crosstalk cancellation
- Compatible with multiple braid terminations, adaptor styles and seal boots
- Scoop-proof design
- Insert assembly mechanically retained for  $\leq 25$  lb. retention force
- Robust coupling ring mechanism
- Size 8 shell saves weight and space



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	5	10
<b>Nickel</b>						
571-2102353-1	2102353-1	A	Plug Kit Assembly	182.75	168.69	156.64
571-2102353-1	2102353-1	B	Receptacle Kit Assembly	182.75	168.69	156.64
571-2102351-1	2102351-1	C	PC Tail Assembly	226.66	209.23	194.28
<b>Black Zinc Nickel</b>						
571-2102353-2	2102353-2	A	Plug Kit Assembly	192.66	177.84	165.14
571-2102352-2	2102352-2	B	Receptacle Kit Assembly	144.50	133.38	123.85
571-2102351-2	2102351-2	C	PC Tail Assembly	239.41	221.00	205.21

## DIRECT PCB MOUNT RECEPTACLE

Low profile receptacle that solders directly to a printed circuit board (PCB) - intended for customers who wish to incorporate a robust, sealed connection into their field equipment. Ideal for customers who wish to incorporate a sealed RJ-45 in the smallest possible package.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	5	10
571-1-1546405-1	1-1546405-1	D	8 pin through-hole receptacle, front coupling hex nut	19.02	18.16	17.52

## STANDARD PCB BOARD RECEPTACLES

Highly flexible solution that enables an end-user to solder a cable lead to an internal Ethernet connection.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	5	10
571-1-1546409-1	1-1546409-1	E	With PC Board	22.08	20.39	18.92
571-1-1546411-1	1-1546411-1	E	With PCB & 12" cable (568A)	24.17	22.99	22.06
571-1-1546412-1	1-1546412-1	E	With PCB & 12" cable (568B)	32.58	31.44	30.08

## BULKHEAD PASSTHROUGH RECEPTACLES

The perfect solution to bring Ethernet into a cabinet or control box. Simply mount bulkhead product in a panel cutout, mate a sealed connector on the outside of the enclosure, and run a commercial patch cord from the backside RJ-45 jack to your PLC, I/O, or Ethernet control board. No conduit entry is required.

### Backside RJ-45 Jack Specifications:

- Base Material: Copper alloy with 30u" gold alloy
- Underplating: 2.54 microns of nickel
- Mating Cycles: 250 min.
- Current Rating: 1.5A
- Voltage Rating: 125 V DC

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MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	5	10
571-1546413-3	1546413-3	F	RJ-45 Bulkhead passthrough with backside RJ-45 jack	28.19	27.16	26.12
571-1546414-4	1546414-4	G	RJ-45 Bulkhead passthrough with 12" of patch cord	30.93	28.88	27.92
571-1-1546415-1	1-1546415-1	F	RJ-11 Bulkhead passthrough with backside RJ-11 jack	24.88	24.00	22.72

## FEMALE-TO-FEMALE ADAPTER

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	5	10
571-1546574-1	1546574-1	H	Female-to-Female Adapter	66.58	63.82	60.68

## FIELD-ATTACHABLE PLUG

Assemble the connection in the field using a standard crimping tool, and still enjoy the same IP67 sealed connection as the overmolded cordset.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	5	10
571-1546440-1	1546440-1	I	0.1-0.26 (2.5-6.5) acceptable cable diameter	19.35	18.93	18.38

## IP67 COMMON CORE CONNECTORS

TE now offers an IP67 field installable RJ45 connector. Utilizing our already existing "common core" design, the product can be applied in the field without the use of a tool.

For quantities greater than listed, call for quote.

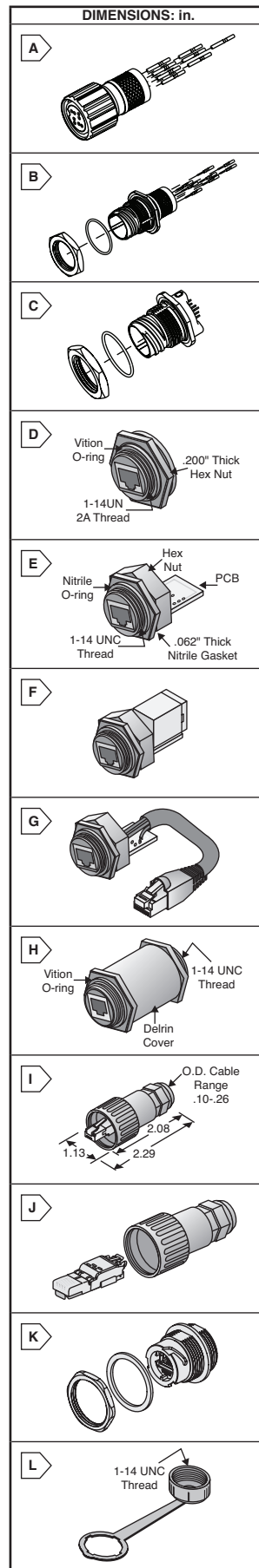
MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	5	10
571-1954656-1	1954656-1	J	4 Position Plug Kit	21.54	19.97	19.34
571-1954656-2	1954656-2	J	8 Position Plug Kit	18.73	17.74	17.00
571-1811689-1	1811689-1	K	Shielded Receptacle Kit	27.21	26.40	25.55

## CLOSURE CAPS

Maintains better sealing integrity when a connector is not mated with the receptacle.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TE Part No.	Fig.	Description	Price Each		
				1	5	10
571-1-1546406-1	1-1546406-1	L	For receptacles, IP67 rated (with 3.63 lanyard)	14.52	14.00	13.44
571-1-1546407-1	1-1546407-1	L	For receptacles, IP65 rated	8.38	7.99	7.66
571-1-1546408-1	1-1546408-1	L	For plug cordset, IP67 rated (with 3.63 lanyard)	15.78	15.32	15.00



DataNetwork/Telecom TE Connectivity