



RUGGED IP67 SNAP-ON CONNECTION - USB AND RJ45

TE Connectivity's (TE) rugged I/O connections combine IP67 sealing, rugged mechanical design, and snap-on, one-hand installation to support consistent performance in applications exposed to dust, moisture, vibration, and temperature variation. With plug-and-play integration, they help reduce installation complexity and support robust system operation.

TARGET MARKETS AND APPLICATION

Industrial

- Industrial automation

Security

- Video surveillance systems
- Fire detectors
- Forest fire prevention ad-hoc networks

New Energy

- Solar & wind power generation systems
- Power supply systems

Outdoor Telecommunications

- 5G communication base stations

Outdoor Robotics

- Construction robots
- Cleaning robots
- Humanoid robots

Lighting

- Plant growth lighting
- LED lighting
- Landscape lighting

Transportation

- Road monitoring systems

KEY BENEFITS AND FEATURES

IP67 Protection for Harsh Operating Conditions

- Provides IP67 protection against dust ingress and water immersion, supporting reliable operation in outdoor and industrial environments

Rugged Design for Demanding Applications

- Designed to operate under conditions involving vibration, temperature variation, moisture, and dust commonly found in industrial and mobile systems

Simplified Installation and Maintenance

- Snap-on, one-hand connection helps to enable efficient mating and unmating, supporting faster installation and easier field service
- Plug-and-play design supports straightforward replacement and maintenance, helping minimize service time in the field

Global Footprint and Distribution Network

- TE's established quality standards, global manufacturing footprint, and distribution network to help support consistent supply and long-term service

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STANDARD PART NUMBER OFFERING

Part Number	Part Description	Connector Type	Number of Pos.	Circuit Application	Product Type	Sealable	IP Rating
2527828-1	Panel Mount Adaptor USB A 2.0 Receptacle to USB A 2.0 Receptacle, Shield, IP67	USB A 2.0	4	Power & Signal	Adapter	Yes	IPX7
2527829-1	Panel Mount Adaptor USB A 3.0 Receptacle to USB A 3.0 Receptacle, Shield, IP67	USB A 3.0	9	Power & Signal	Adapter	Yes	IPX7
2527830-1	Panel Mount Adaptor USB C 3.0 Receptacle to USB C 3.0 Receptacle, Shield, IP67	USB C 2.0	24	Power & Signal	Adapter	Yes	IPX7
2528300-1	Cable Assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 1M	USB A 2.0	4	Power & Signal	Cable Assembly	Yes	IPX7
2528300-2	Cable Assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 0.5M	USB A 2.0	4	Power & Signal	Cable Assembly	Yes	IPX7
2528300-3	Cable Assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 2M	USB A 2.0	4	Power & Signal	Cable Assembly	Yes	IPX7
2528300-4	Cable Assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 3M	USB A 2.0	4	Power & Signal	Cable Assembly	Yes	IPX7
2528300-5	Cable Assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 4M	USB A 2.0	4	Power & Signal	Cable Assembly	Yes	IPX7
2528300-6	Cable Assembly, USB A 2.0 Straight Plug to USB A 2.0 Straight Plug, IP67, 5M	USB A 2.0	4	Power & Signal	Cable Assembly	Yes	IPX7
2528301-1	Cable Assembly, USB A 3.0 Straight Plug to USB A 3.0 Straight Plug, IP67, 1M	USB A 3.0	9	Power & Signal	Cable Assembly	Yes	IPX7
2528301-2	Cable Assembly, USB A 3.0 Straight Plug to USB A 3.0 Straight Plug, IP67, 0.5M	USB A 3.0	9	Power & Signal	Cable Assembly	Yes	IPX7
2528301-3	Cable Assembly, USB A 3.0 Straight Plug to USB A 3.0 Straight Plug, IP67, 2M	USB A 3.0	9	Power & Signal	Cable Assembly	Yes	IPX7
2528301-4	Cable Assembly, USB A 3.0 Straight Plug to USB A 3.0 Straight Plug, IP67, 3M	USB A 3.0	9	Power & Signal	Cable Assembly	Yes	IPX7
2528302-1	Cable Assembly, USB C 2.0 Straight Plug to USB C 2.0 Straight Plug, IP67, 1M	USB C 2.0	24	Power & Signal	Cable Assembly	Yes	IPX7
2528302-2	Cable Assembly, USB C 2.0 Straight Plug to USB C 2.0 Straight Plug, IP67, 0.5M	USB C 2.0	24	Power & Signal	Cable Assembly	Yes	IPX7



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Part Number	Part Description	Connector Type	Number of Pos.	Circuit Application	Product Type	Sealable	IP Rating
2528302-3	Cable Assembly, USB C 2.0 Straight Plug to USB C 2.0 Straight Plug, IP67, 2M	USB C 2.0	24	Power & Signal	Cable Assembly	Yes	IPX7
2528302-4	Cable Assembly, USB C 2.0 Straight Plug to USB C 2.0 Straight Plug, IP67, 3M	USB C 2.0	24	Power & Signal	Cable Assembly	Yes	IPX7
2497304-1	RJ45 Industrial Rcpt, 4hole Flange Installation Shielded, Push Lock, IP67	RI45 CAT6	8	Power & Signal	Adapter	Yes	IPX7
2497305-1	RJ45 Industrial Straight Plug, Semi-metal Push Lock Conn, Field Installable, IP67	RI45 CAT6	8	Power & Signal	Plug	Yes	IPX7

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