

RoHS
Compliant



Description

These I/O Connectors feature a high-precision, key-way pluggable design with integrated self-locking push-lock and quick release mechanism. Supplied in a variety of PBT plastic and Zinc alloy metal housings, they are Rated IP68 waterproof along with UV-resistant properties. Supporting RJ-45 and USB-C connectivity they are ideal for demanding environments and well suited for use in aviation, communications, renewable energy, medical, robotics, automation, industrial appliances, LED displays and many more applications. LP16 is also available in multipin configurations for power and signal with 2 to 9 pins. The wider product family includes additional sizes LP12, LP20, LP24 and LP28 with higher electrical ratings, alongside further I/O options including fibre optic, HDMI and USB-A.

Features

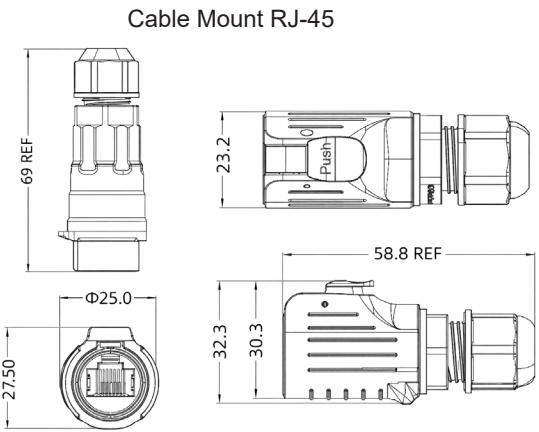
- Shielded RJ-45 jacks and USB-C 60W PD / 5 Gb/s data
- Supplied as mating pairs for value and convenience
- IP68 1m / 2hr when mated (IP65 with supplied cap)
- PBT Plastic / Zinc Alloy & PBT Plastic / Zinc Alloy
- PBT material is UV resistant and flame retardant
- USB-C cable end prewired with 1m cable
- USB-C panel mount coupler option
- Cable, panel and flange mount types
- Quick connect, push fit, press to release - anti-vibration
- 16.5mm max. panel cut out with max. 32mm housing diameter
- RJ-45 housing only, plugs not included
- Gold plated contacts

Specifications

Unit of Supply	: Male & Female pair (Panel / Flange & silicon dust cap)
Connection Type	: RJ-45 (shielded) / USB-C
IP Rating	: IP68 to 1 m / 2 hr (IP65 panel with dust cap)
USB standard	: USB-C 5Gb/s 60W (3A/20V)
Current Rating	: 10A (2 to 4 pin) / 5A (5 to 9 pin)
Mating Cycles	: >1900
Material	: PBT plastic (flame & UV retardant) / Zinc alloy.
Panel Cutout	: 16.5 mm
Cable Diameter	: 5mm to 7mm
Temperature Rating	: -40°C to +85°C

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

Diagram



Dimensions : Millimetres

Part Number Table

Description	Part Number
Ethernet Connector, RJ45, Cable Mount, PBT	MP-LP16-RJ45C-PL

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro