

MT66-U180BK+ Mini6™ Category 6 PLUS Jack

The Mini6™ PLUS system is based around the High Performance Mini6™ modular connector which is designed to exceed the Category 6 standards by maximizing headroom on the installed link.

The PLUS jack is used in both the workstation outlet and the patch panel and features balanced transmission characteristics to maximise NEXT Headroom performance. Designed to exceed the category 6 standards as well as being quick and simple to terminate, the Mini6™ jack is the number one choice for Category 6 installations.

PHYSICAL

Housing: High impact, flame retardant Plastic UL94V0
Spring Wire: Phosphor Bronze Alloy Plated with 50 micro-inch of Gold over 100 micro-inch of Nickel
IDC: Phosphor bronze Alloy with 100 micro-inch 9:1 Sn-Pb Alloy.

ELECTRICAL

Electrical insulation resistance: 500M.min @ 100V d.c
Dielectric Withstanding Voltage: 1000VRMS @ 60Hz for 1 minute.
Contact Resistance: 20m Max

MECHANICAL

Total Contact Force: 100g minimum per contact wire lead.
Retention: 50N (11 lbf) for 60s ± 5s
Insertion/Extraction Life: 750 cycles minimum
IDC Wire Gauge: 22-26AWG

DIMENSIONAL DATA

1. JACK Housing
2. IDC Block
3. Contact pins
4. Insert Cover
5. Insert Base
6. PCB
7. IDC Terminal
8. CAP
9. Wiring Legend

