NEXTSPEED

Category 6 Component

Patch Panel

HUBBELL

Features

- 4 dB min NEXT Margin 1 -250 MHz over TIA and ISO Channel Specifications

- Qualified to 150% of 802.3bt PoE Current Level

- Continuous Third Party Verification Program

Ordering Information

Description	Color	UPC Number	Catalog Number
NEXTSPEED Category 6 Patch Panel, 48-port, 2 Rack Units	Black	662620247175	**HP648**

Listings

TIA-568-C.2 Category 6 component
ISO/IEC 11801/60603-7-41 6 component
Third Party tested for TIA 568-C.2 requirements. Component/link/channel
Category 6 and ISO/IEC 11801 Class E
Mechanical: Verified to TIA-568-C.2
UL Listed1863, UL 94 V-0 Flammability Rating ISO9001-2008 manufacturing process

Specifications

Nose Contact	Beryllium copper with precious metal plating with nickel under-plating
Rear IDC Contact	Phosphor bronze with 100 micro-inch lead free tin plating over nickel under plating
Panel Material	14 ga. Steel rolled-edge construction
Dimensions (W x H) Inch (mm)	19 (483) x 3.50 (89)
Mounting	Dimensions and mounting holes per CEA-310-E

Performance

Electrical
Designed and tested for 1.5A of continuous current per pair
Exceeds component requirements of TIA-568-C.2 Category 6 and IEC Category 6 components
NEXT margin over TIA 568 -C.2 and ISO 11801 Class E channel specifications 1-250MHz

General Information
Integrated labeling and icon slots for 606-B compliance
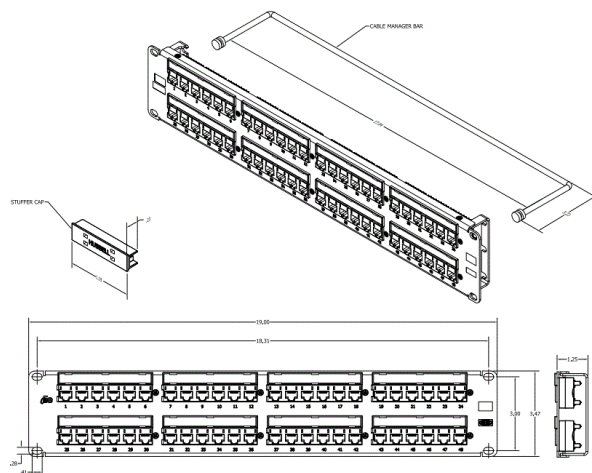Manufacturing: 100% factory tested
Universal wiring (T568A or T568B)

Mechanical
Mating Cycle: 2000+ with FCC 8-position plug

Complementary Products

Category 6 Component Jack	HXJ6B
Category 6 Patch Cord	HC6B03
Category 6 Panel Replacement Adaptor	HP6M6
Category 6 UTP Cable	C6SRB

Online Resources

eCatalog

Applications

IEEE 802.3b 1000GBASE-T
IEEE 802.3bt PoE+
IEEE 802.3bt 4PPoE Power over Ethernet
TIA TSB-155 10GbE Over 55 Meters
Backwards compatible with Category 5E hardware and applications

HUBBELL ®

Wiring Device-Kellems