

Product Specifications

Product Family	Zybrnet
Category	Cat.6
Product	Keystone Jack U/UTP 180° Short-Width Toolless Permanent link
Item no.	ZN500KS122229



Approvals

Transmission Standards: Complies with TIA/EIA-568-B.2-1 for Cat.6.

Attenuation, Return Loss & FEXT: Meets required specifications.

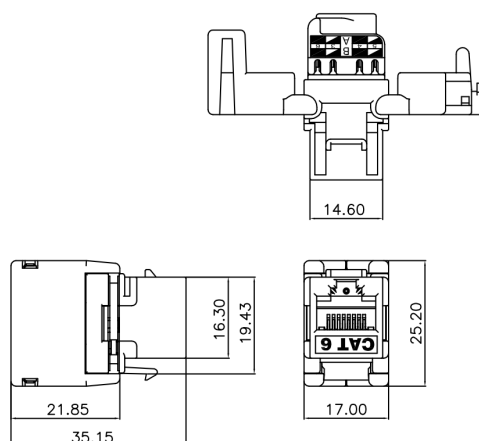
NEXT Margin: Minimum 10 dB with Fluke DSP4300 PM06 Adapter.

Minimum 2.3 dB with 15M Short-Link.

Applications & Features

- ✓ Highly suitable for empty patch panel
- ✓ 180° cable exit
- ✓ Toolless mounting technique

Product Drawings



Physical properties

Materials

Housing

High-Impact, Flame-Retardant Plastic, UL 94V-0

Spring Wire

Phosphor Bronze Alloy Plated With 50 micro-inch of Gold Over 70~100 micro-inch of Nickel

IDC

Phosphor Bronze Alloy With 100 micro-inch 9:1 Sn-Pb Alloy

Electrical & mechanical properties

Electrical

Di-electric withstanding voltage

1000V D.C. or A.C Peak

1 min @ 60 Hz a.c. contacts

500MΩ min. @ 100V d.c

Insulation resistance

Spring Wire Contact Resistance

20 mΩ Max

IDC Contact Resistance

2.5 mΩ Max.

Current Rating:

as figure.

Mechanical

Total Contact Force

800 GRAMS for a 8 Wire Leads Minimum

Retention

50N (11lbf) for 60s±5s

Insertion / Extraction Life

750 Cycles Minimum

IDC Wire Gauge

22 ~ 26 AWG



Product Specifications

Environmental Conditions

Temperature Range

Storage

Operation

Relative Humidity (Operational)

-40 to +70°C

-10 to +60°C

Maximum Noncondensing 93%

