

Planar pigtail head



Overview

Power Cable PC-050-SR / PC-100-SR / PC-200-SR Power Cable PC-050-SR / PC-100-SR / PC-200-SR pinout. Power cable voltage table. General Data Cable Name 5.0.

Key Takeaways

A planar pigtail head is a compact cable connector used to link devices in high-density electronic or fiber optic systems, providing flexible, reliable connections while minimizing space and signal loss.

Overview

A pigtail head refers to the terminated end of a short cable, often called a pigtail, which connects one device to another or extends a wire for easier integration. In planar systems, such as planar motors or high-density electronics, these pigtail heads are designed to fit into tight spaces while maintaining signal integrity and mechanical reliability.

Applications

Electronics and PCB Wiring: Pigtail heads are used to connect components on printed circuit boards, often in situations where space is limited. They can handle power, signal, or data transmission and are compatible with headers like 0.1" spacing connectors.

Telecommunications and Fiber Optics: In fiber optic networks, planar pigtail heads terminate fiber cables with connectors such as SC, LC, or ST, allowing easy integration into switches, routers, or splice closures.

R

F Modules: Compact pigtail heads are used in RF applications like Wireless LAN, Bluetooth, and UMTS, supporting frequencies up to 6 GHz while maintaining low profile and high component density.

Key Features

Compact Design: Low installation height and minimal space requirement make them ideal for dense electronic assemblies. **Connector Compatibility:** Can be adapted to various connector types, including SMA, TNC, N-type, SC, LC, and ST. **Durability:** Often equipped with protection caps to prevent dust and water ingress, ensuring long-term reliability.

Flexibility: Available in multiple lengths and wire gauges to suit different applications, from short PCB connections to longer fiber optic runs.

Installation Considerations

When using planar pigtail heads, consider: **Cable Length:** Shorter lengths reduce signal loss, while longer runs must account for attenuation and bending radius. **Wire Gauge (AWG):** Determines current capacity and ease of handling; matching the gauge to the application is critical. **Environmental Protection:** Use protective caps or enclosures in dusty or humid environments to maintain performance.

In summary, a planar pigtail head is a versatile connector solution for high-density electronics, RF modules, and fiber optic systems, offering compact, reliable, and flexible connections suitable for modern technical applications.

Article Content

Power Cable PC-050-SR / PC-100-SR / PC-200-SR

Power Cable PC-050-SR / PC-100-SR / PC-200-SR pinout. Power cable voltage table.
General Data Cable Name 5.0 m / 10.0 m / 20.0 m Power Supply Cable Model Number PC-050-SR (5 m) PC-100

Pigtails for high-voltage applications

We can produce high-voltage assemblies as a pigtail variant attached on one side or as a finished, double-sided version - also with different connector systems.

planar head 3D Models | Page 1 | STLFinder

Find 141 planar head 3D models for 3D printing, CNC and design. No description provided.

Planar Head

Explore a wide range of our Planar Head selection. Find top brands, exclusive offers, and unbeatable prices on eBay. Shop now for fast shipping and easy returns!

PIGTAIL CABLE ASSEMBLIES

extremely compact size. They are ideal for a variety of applications in which space is a critical factor. The plug connectors operate in a frequency range up to 6 GHz and guarantee owing to their low

Pigtail Connectors | McMaster-Carr

Choose from our selection of pigtail connectors, including electrical connectors, data, audio, and video connectors, and more. Same and Next Day Delivery.

CN114887225A

The invention relates to the technical field of medical instruments, in particular to a floating temporary pacing lead with a pigtail-shaped head end.

Low-Poly Planar Head by Books

Low-polygon head from drawing reference and art instruction. Prints without supports.

Best 9 Planar Magnetic Headphones in 2024

Sound Gear Lab lists the best planar magnetic headphones in the market. This list features a review of 9 headphones and a buying guide.

Full hairstyles list — Animal Crossing: New Horizons guide

Animal Crossing: New Horizons on Switch starts you off with eight styles and eight colors, but you'll unlock more along the way. We'll show you every hairstyle, color and pop, cool, stylish ...

Power Cable PC-050-SR / PC-100-SR / PC-200-SR

General Data Cable Name 5.0 m / 10.0 m / 20.0 m Power Supply Cable Model Number PC-050-SR (5 m) PC-100-SR (10 m) PC-200-SR (20 m) Short Description PMI power c

Dynamic vs Planar Magnetic Headphones

Learn the key differences between dynamic and planar magnetic headphone drivers, with real-world examples and performance comparisons.

How to Choose the Right Tripod Head | B&H eXplora

Choosing the right tripod head your camera can be the difference between getting the image you envision or missing it completely. Since the tripod is the best tool for instantly improving

Tank Heads | Paul Mueller Company

Build your tank with custom fabricated tank heads for ASME pressure vessel applications and non-pressure processing solutions. Tank heads are built to

Pig-Tail Cables

You'll find these handy 2-pin 0.1" spacing pig-tails to be quite helpful when wiring up your project. The connector end snaps cleanly into 0.1" spaced header (and fits

Headband Pigtails

12pcs Fashion Headbands for Women, Non-Slip Plastic Head Bands with Teeth, Pigtail Braided Headbands, Skinny Hair Accessories \$10.99

T+A Solitaire P planar magnetostatic

T+A Introduce their first ever headphones, the Solitaire P planar magnetostatic. It's been a long time coming for another German manufacturer to produce a pair of extreme high-end

A modern head-fi great is bringing out planar magnetic ...

Audio Headphones A modern head-fi great is bringing out planar magnetic headphones with huge drivers and an even bigger frequency range — and yet the headband might be the coolest

Contact Us

Continue your research online:

Website: <https://bagyou.es>

Technical inquiry: <https://bagyou.es/project-enquiry.html>

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

