



UNITED POWER

Computer Power Cables

Features

General

- UL 478 Listed
- NEC Code Compliant
- Full Hi-Pot and Continuity Tested
- Identification Labeling on Every Cable
- High Quality Components Used Throughout
- Cable Management Software Available

Electrical

- NEMA: Twist-Lock and Straight Blade
- Isolated Grounded "IG" Receptacles
- Hubbell "Pin & Sleeve" Receptacles
- Russell & Stoll for IBM Applications
- Meltric for Unisys Applications
- Field Wired for Universal Applications

Physical

- Flexible Conduit
- Watertight Construction
- EMI Shielding
- Copper Grounding Strap
- Computer Blue Conduit

In 1990, Articles 300-11 and 351-8 of the National Electrical Code changed from the 1987 edition to require all computer power cables that are not listed by Underwriters Laboratories to be secured under the computer floor every 4.5 feet! Can you imagine a major data center with every computer power cable being secured every 4.5 feet, thus resulting in the total lack of system flexibility?

Simply using UL listed electrical components does not mean the entire cable assembly is UL listed. Underwriters Laboratories requires a listed manufacturer to strictly comply with UL's com-

ponent selection chart as well as the testing requirements as outlined in the UL standard itself.

All United Power computer power cables are UL listed and UL labeled accordingly. Cables manufactured by United Power do not have to be secured under the floor. Our cables are manufactured to meet and exceed the criteria as set forth in the UL report and the National Electrical Code 645-5e. Please feel free to contact your local electrical consulting engineer or United Power direct for any interpretation assistance you may need to determine if your data center is NEC code compliant.



United Power offers custom computer power cables to mate with virtually any computer or peripheral device. These cable assemblies are UL 478 Listed and are not required to be secured

under the computer room floor per the National Electric Code (NEC). All cables are watertight and feature a copper grounding strap to guarantee single point grounding practices.

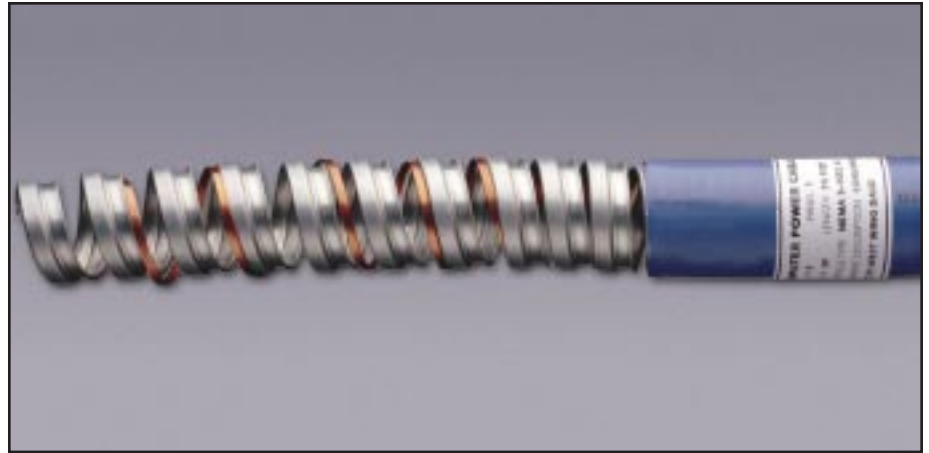
United Power Builds Custom Computer Power Cables and Delivers Them — Fast!

United Power understands the criticality associated with data processing UPTIME, safety, and flexibility. We have built our company on the foundation of supplying quality, UL LISTED 478 flexible computer power distribution cables...FAST!

United Power inventories over 200 different types of cables for the data processing environment. Our company has provided computer power cables to some of the world's largest data centers. We understand your requirements as well as the value associated with our ability to deliver your custom cable to you, even if you need it TOMORROW!

United Power Uses Only the Highest Quality Components

Names like Arrow Hart, Hubbell, Pass & Seymour, Red Dot, Crouse Hinds, T&B, Russell & Stoll, Anaconda, Southwire, Square D and General Electric are all synonymous with quality within the electrical community. These are just a few of the manufacturers we use in providing the highest quality computer power cables available in the industry today. Due to our significant volume, we have a close relationship with the various component manufacturers enabling use to offer our cables to you at a very favorable price. In today's economy, it is difficult to get a quality product at a competitive price. United Power is proud to be an exception to the rule.



United Power Provides Improved Data Processing Performance

Under the raised floor of a "typical" data center you will find a whole world unto itself. You will find chiller pipes, 60 Hz electrical feeders, 415 Hz electrical circuits feeding mainframe processors, communication cables, data processing interconnect cables and fiber optic/telecom cables among other things.

United Power understand this and shields each cable in a flexible, steel (aluminum for 415 Hz) conduit complete with a copper shield wound into the construction of the conduit itself. This design provides maximum cable flexibility and safe grounding practices while protecting the load from any electrical noise (EMI) which may be present from the other equipment located under the raised floor.

United Power Completely Labels Every Cable

United Power understands how frustrating it is to pick up a raised floor tile only to find a sea of blue cables with no idea which cable is feeding which computer or peripheral device. Therefore, a cable made by United Power is not complete until it is equipped with a label indicating the cable number, the circuit number, the connector configuration and the load which it is serving. A typical United Power label appears below to help you fully appreciate the "real world" help this service will add to your data center.

COMPUTER POWER CABLE	
PDU # 11	PANEL 3
CABLE # 15	LENGTH 65 FEET
RECEPTACLE TYPE	R&S 7428 IBM "E"
EQUIPMENT DESCRIPTION	IBM 3880
WEST WING LOCATION B-12	



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DELTA

Product information is subject to change as warranted by manufacturing or engineering processes. United Power reserves the right to make changes, additions or deletions in equipment design and/or components. CABLES 2PG 11/98-15K