

**Geared for Manufacturing™**

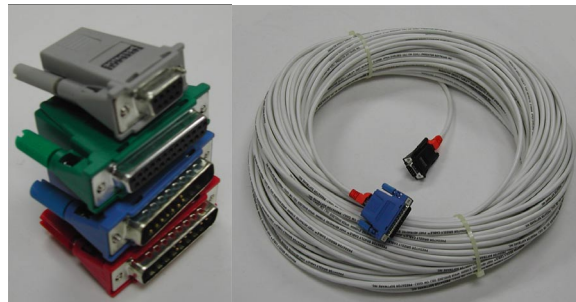


### **Need an industrial strength cabling system?**

Predator Grizzly Cable™ is designed for the harshest manufacturing environments. It is more than just raw cable. Predator Software has designed the easiest to use, color-coded cabling system with the highest quality cable and connectors. In addition to maximizing your current DNC cabling requirements, Predator Grizzly cable offers compatibility with future MDC, manufacturing data collection, applications and protocols.

### **Concerned about extended distances?**

Predator Grizzly Cable is engineered to an ultra low 15.5 PF per foot capacitance. In addition, each of the four pairs are twisted and a separate drain wire is hand soldered and grounded. This allows RS-232 cable lengths to safely go up to 500 feet, even with very fast baud rates. RS-422 cable lengths can go up to 2000 feet.



### **Hate to solder, crimp and terminate cables?**

Predator Grizzly Cables are automatically terminated with a RJ45 connector with a color-coded stress relief boot. This eliminates the need to solder, crimp and terminate both ends of every cable. Included with every cable is a CNC adapter with a DB25 or DB9 connector with the appropriate wiring. CNC adapters snap on in a few seconds vs. 10 minutes of soldering, crimping and terminating each end. Refer to included list of sample CNC controls and adapters for more information. Just specify the CNC control with every cable order and we will include the correct CNC adapter. Additional CNC adapters can be ordered for only \$10 USD per adapter. Eliminate potential downtime by having your maintenance department stock a few extra CNC adapters.

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### **Need to make CNC machine moves or changes?**

Predator Grizzly Cables simplify CNC machine moves and eliminate re-stringing new cable and re-terminating existing cable ends. With Predator Grizzly Cables, simply disconnect the Grizzly cable from the CNC adapter, move the CNC machine with the CNC adapter, and plug in the closest Grizzly cable drop. This flexibility protects your Grizzly cable investment as you sell old machines and purchase new CNC machines.

### **Concerned about stringing cables?**

Every Predator Grizzly Cable includes instructions, which details the best way to string cables. In addition, recommendations on what to avoid are also included. Predator Grizzly cables are so rugged that up to 54 pounds of pulling tension can be applied during the stringing process. In addition, they are extremely flexible with a bend radius of 2.4 inches. Finally, the pre-terminated RJ45 connectors are small enough that they can be threaded through walls and most conduit as needed.



### **What about shielding?**

Predator Grizzly Cables have four layers of shielding. First, each wire is individually shielded with a polypropylene jacket. Second, an aluminum foil wraps around all of the pairs. Third, a metal braid shield is wrapped around the foil. Finally a thick but flexible PVC jacket is wrapped around the metal braid. The quality and strength of the shielding included with Predator Grizzly cables protect your data from RF noise and electrical interferences.

### **Is it certified?**

Predator Grizzly Cables are flame resistant, CE certified, UL type CM and UL 1581.

### **Will it work?**

We guarantee it; every Predator Grizzly Cable includes a 5-year warranty. Thousands of manufacturers rely on Predator Grizzly cable every day. Over twenty thousand CNC machines and other shop floor devices have been connected. Predator Grizzly Cables were designed for harsh manufacturing and have the strength and flexibility to handle almost any application.

### **How does it compare with CAT-5 cable?**

Refer to the following chart for 20+ reasons why Predator Grizzly cables are superior to CAT-5 cable.

## Predator Grizzly Cables vs. CAT-5 Cables

Features	Predator Grizzly Cable	CAT-5
Designed for manufacturing environments	Yes	No
Four-pair twisted wire	Yes	Yes
Ultra low capacitance wire	Yes	No
Levels of shielding	4	2
Aluminum foil shield	Yes	No
Metal braid shield	Yes	No
Grounded drain wire	Yes	No
Longest certified high speed RS-232 transfer	500 feet	?
Longest certified high speed RS-422 transfer	2000 feet	?
Pre-terminated RJ45; No onsite soldering	Yes	?
Includes strain relief boots	Yes	No
Color coded lengths	Yes	No
Compatible with plug-and-play PC adapters	Yes	No
Compatible with plug-and-play CNC adapters	Yes	No
# of CNC models supported	100+	0
Spare CNC adapters available for \$10	Yes	No
Average time to connect to CNC	5 Seconds	10 Minutes
9 standard RS-232 lengths from 25 to 250 feet	Yes	No
9 metric RS-232 lengths from 10 to 50 meters	Yes	No
10 standard RS-422 lengths from 100 to 1,000 feet	Yes	No
10 metric RS-422 lengths from 30 to 300 meters	Yes	No
Average time to connect to CNC	5 Seconds	10 Minutes
Warranty	5 Years	?

### Can our maintenance personnel install Predator Grizzly Cables at our facility?

Yes. Maintenance personnel can install Predator Grizzly Cables. We do provide several cable stringing recommendations to insure reliable error-free operation.

### Where can we purchase Predator Grizzly Cable?

Predator Grizzly Cables are available worldwide from 100+ qualified resellers. Contact Predator Software for the name of a local reseller.

### *For More Information*

For the latest information on Predator Grizzly Cables, check out our World Wide Web site at <http://www.predator-software.com>