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 strength and quality, 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 is twisted and a separate drain wire is hand soldered and grounded. This allows RS232 cable lengths to safely go up to 500 feet, even with very fast baud rates.

HATE TO SOLDER, CRIMP AND TERMINATE CABLES?

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

NEED TO MAKE CNC MACHINE MOVES OR CHANGES?

Predator Grizzly Cables simplify moving CNC machine and eliminates re-stringing new cable or re-terminating existing cable ends. Simply disconnect the Grizzly cable from the CNC adapter, move the machine with the CNC adapter, and plug into the closest Grizzly cable drop. This flexibility protects your Grizzly cable investment as you sell older CNC machines and purchase new ones.

CONCERNED ABOUT STRINGING CABLES?

Every Predator Grizzly Cable includes instructions, which details the best way to string cables. Recommendations on what to avoid are also included. These 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 conduits 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 shield 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 cable protects 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. 20,000+ 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 several reasons why Predator Grizzly cables are superior to CAT-5 cable.

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 RS232 transfer	500 ft	?
Longest certified high speed RS422 transfer	2000 ft	?
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 Mins
9 standard RS232 lengths from 25 to 250 feet	Yes	No
9 metric RS232 lengths from 10 to 50 meters	Yes	No
10 standard RS422 lengths 100 to 1,000 feet	Yes	No
10 metric RS422 lengths from 30 to 300 meters	Yes	No
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 ensure reliable error-free operation.

WHERE CAN WE PURCHASE PREDATOR GRIZZLY CABLE?

Predator Grizzly Cables are available from our online store at www.shopfloorautomations.com or give us a call below.

Shop Floor Automations, Inc.
5360 Jackson Drive, Suite 202
La Mesa, CA 91942-6003

Phone: (619) 461-4000
Toll Free: (877) 611-5825
Fax: (619) 461-5918

Web: www.ShopFloorAutomations.com
Email: sales@ShopFloorAutomations.com