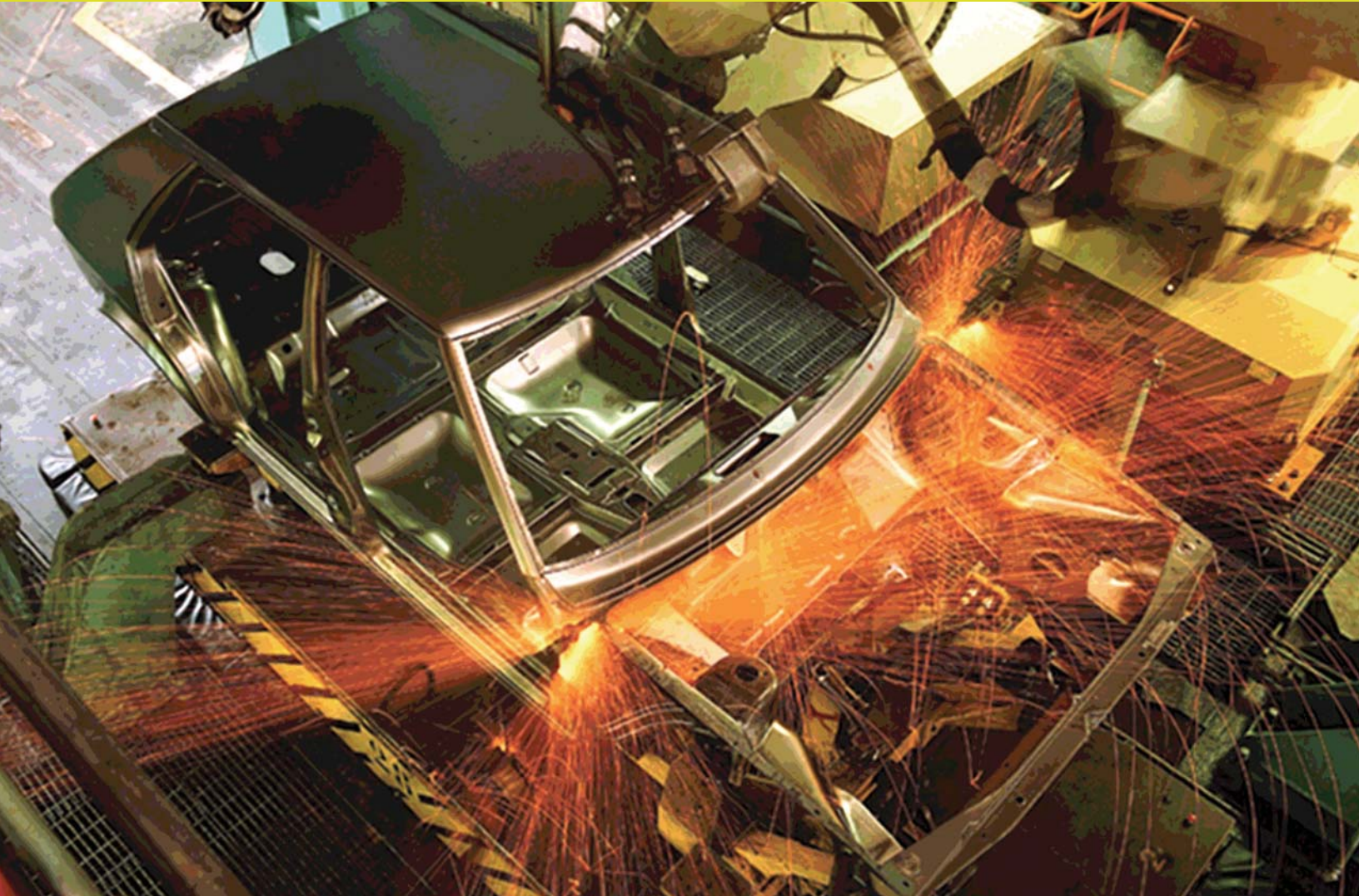




Draka

Draka Cableteq | USA



ROBOTICS AND AUTOMATION

Flexible Power and Control Cables

In the world of automation, you've got to be flexible.



Flexibility in product

Our 100 year heritage of manufacturing experience shows in our approach to flexible cables. Fine-stranded copper conductors are sheathed in proprietary formulations of polymers designed to stay pliable through millions of cycles and in the harshest of environments.

Our All Temp Industrite, Bostflex and Flat-Flex have become household names within the material handling industry. The product line of Auto-Flex cables is designed specifically for the automation industry. (robots, C-Track/power track, material handling, festoon systems, etc.)

Flexibility in design

These cables utilize the best material compounds in both thermoset and thermoplastic formulations which produce the high performance required for flexing, oil resistance, flame retardancy and torsion applications.

Along with our existing range of products, Draka can engineer specialty solutions for your flexible cable requirements. We can call on the global resources of Draka as well as our own North American research and development facility to craft flexible cables for power and communications. Draka cables are specified into robotic OEM manufacturers.

Flexibility in service

Draka is committed to both high quality and customer satisfaction with every cable we ship. We also offer enthusiastic service to complement our product offerings. A nationwide network of dedicated sales agents is there to answer questions and match products to your specifications.

Services include our Quick Ship on stocking items, short run capability and a cut-to-length service especially for shorter lengths.

Flexibility is something we bring to the workplace at Draka Cableteq USA.

Flexible cables made for unyielding environments.

ALL-TEMP INDUSTRITE® power and control cables

All-Temp Industrite is Draka's premier flexible cable line, made to withstand the broadest range of conditions. Recommended for festooning and reeling applications (spring and motor driven), cranes, power tracks, hoists, electric hand tools used in plant environments (i.e. automotive assembly line), automatic storage & retrieval systems (AS/RS) and portable equipment.



FLAT-FLEX® power and control cables

Flat-Flex is Draka's flat cable, designed for use when space is at a premium (since it can be stacked) or where extra flexibility is a requirement. Flat-Flex has a recommended bend radius of three to five times cable thickness. Use Flat-Flex for cranes, hoists, or any other equipment which travels with a lateral traversing motion. Shielded versions are available.



NOTE: For severe flexing applications below -10°C, specify FLAT-FLEX Neoprene cables.

AUTOFLEX® tray-rated power cables

AutoFlex comes in two constructions:

Auto-Flex CFP (and CFP reduced diameter) are used for robotic applications in paint and welding applications, automated work centers, machine tool applications, pick & place robots, packaging applications such as palletizers.



Auto-Flex TC and TCP are tray-rated cables that are flexible enough for ease of installation and safe and durable enough for use in cable trays and power drop feeds.

BOSTFLEX® control cables

Bostflex is designed to easily handle the stresses of portable control, festoon systems, power tracks, cable tenders, cranes and hoists, pendant push button stations, power carriage systems, cable reels, retractable reels, automatic welders, transfer vehicles, and other abusive flexing applications.



NOTE: For severe flexing applications below -10°C, specify BIW™ ALL-TEMP control cable.

FIBERFLEX® control cables

A unique flexible fiber cable perfect for data communication within automation. It can be used in flexing applications such as festooning, reeling and energy chain.



INDUSTRITE® portable power for welding

Use Industrite welding cable for welding electrode leads, welding stingers, welding ground leads, battery cable, bus welding boxes, jumper cables, ground cables, lift trucks, and other portable power applications where extreme flexibility is required.



BOSTCORD® heavy duty portable power cables

Bostcord is perfect for use in limit switches, pendant push-button stations, extension cords, foot switches, proximity switches, conveyors, welding carts, retractable reels, and all types of portable tools and equipment.



VFD POWER shielded power cables

VFD cables are used to power variable frequency drive motors of up to 600 volts. They use a solid copper shield to deliver clean power unaffected by RF or other electronic noise.



Robotics and automation cables features and options

	RESISTS FLAME	RESISTS ABRASION	RESISTS OIL/CHEMICALS	RESISTS MOISTURE	RESISTS IMPACT	RESISTS TEARING	WITHSTANDS HIGH-TEMP	WITHSTANDS LOW-TEMP	TC/ER RATED	MORE FLEXIBLE	SHIELDED	RATING/LISTING
ALL-TEMP INDUSTRIRITE® CONTROL for festoon/reeling	●	●	●	●	●	●	●	●			option	UL, CSA, MSHA
ALL-TEMP INDUSTRIRITE® POWER for festoon/reeling	●	●	●	●	●	●	●	●			option	UL, CSA, MSHA
FLAT-FLEX® POWER for festoon	●		●			●				●	option	UL, CSA
FLAT-FLEX® CONTROL for festoon	●		●			●				●	option	UL, CSA
FLAT-FLEX® neoprene POWER for festoon	●		●			●	●			●	option	UL, CSA
FLAT-FLEX® neoprene CONTROL for festoon	●		●			●	●			●	option	UL, CSA
AUTO-FLEX® CFP POWER for welding	●		●		●	●	●		●	●		UL, CSA
AUTO-FLEX® CFP reduced diameter POWER for welding	●		●		●	●			●	●		UL, CSA
AUTO-FLEX® TC POWER for welding/tray-rated				●			●					UL, CSA
AUTOFLEX® TCP POWER for welding/tray-rated				●			●					UL, CSA
BOSTFLEX™ CONTROL for festoon/reeling	●	●	●	●	●	●	●			●		UL, CSA, MSHA
INDUSTRIRITE™ WELDING PORTABLE POWER for welding	●	●	●	●	●	●	●					UL, CSA, MSHA
BOSTCORD™ extra heavy duty PORTABLE POWER	●	●	●	●	●	●	●					UL, CSA, MSHA
VFD POWER POWER for variable frequency drive systems				●		●	●				●	UL, MSHA
FIBER-FLEX® optical fiber CONTROL for festoon/reeling			●	●		●	●					

For sales and technical information, contact Draka Cableteq USA
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