



INDUSTRIAL AUTOMATION CABLES

Industrial Automation Cables are used for the control of machinery and processes used in various industries by autonomous systems through the use of technologies like robotics, automation, automated pick and place systems, natural gas production and computer software.

Industrial Automation Cables are designed to carry signals two-way and allow communication with automation equipment and are used primarily to control automated equipment. The signal transmission capabilities allow automated equipment and robotics the ability to perform multiple tasks.

Cables are designed and manufactured as per the below applications:

- **Static Applications**
- **Dynamic Applications**
- **Highly Dynamic Applications**
- **Industrial & Other Harsh Environment Applications**



Machine



Plant



Robotics

APPLICATIONS



Automotive Assemblies



Production Engineering



Drag Chain



Conveyor Systems



Energy



Petrochemical

Power Control & Data Applications

Intelligent Traffic Systems

Transfer Shuttles

Power Generation

Process Automation

Drive

Automated Handling Systems

Factory Automation

Control Panel Applications

Parking Automation



RANGE / TYPE

Bus System Cables

RS-485
CABLES

PROFIBUS
PA / DP CABLES

CONTROL NET
CABLES

DEVICE NET
CABLES

FIELD BUS
CABLES

INDUSTRIAL
ETHERNET
CABLES

CC LINK
CABLES

Industrial Automation & Robotics Cables

CONTROL
& SIGNAL
CABLES

DATA &
COMMUNICATION
CABLES

FLEXIBLE
AUTOMATION
CABLES

FESTOON
CABLES

INSTRUMENTATION
CABLES

SERVO
CABLES

DRAG CHAIN
CABLES

ROBOT
CABLES

TORSION
CABLES

SENSOR
CABLES

ENCODER
CABLES

ASI & VFD
CABLES

The background of the image is a blurred industrial setting with a green tint. It features several robotic arms in motion, with one arm in the foreground showing sparks from a welding process. On the right side, a person wearing a dark jacket is holding a tablet, which displays some graphical data. The overall scene conveys a sense of advanced manufacturing and automation.

INDUSTRIAL AUTOMATION CABLES

Limitless Possibilities

Cables For The Future



FEATURES / OPTIONS



**Finely Stranded
Conductor**



**Resistance in Harsh
Environments
(Oil, Gas, Dust, Mold)**



**Unshielded - Up to
125 Core & Shielded
Up to 100 Cores / 50 Pairs**



**Broad Range of AWG
Sizes & Shielding Options**



**Foil / Braid Shielding
for Exceptional EMI
Protection**



**Temperature Range
(Based on Material)
-50°C to +200°C**



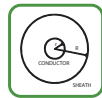
**Insulation: PVC (Many
Varieties), Polyolefin, Silicone,
TPE, Fiberglass, FEP, ETFE,
PFA, PTFE, Zero Halogen
and Polyurethane.**



**High Effective
Protection from
EMI & RFI**



**Resistance to Fire Alone
950°C for 3 Hrs**



**Low
Capacitance**



**Self-Extinguishing
& Flame Retardant**



**Characteristic
Impedance:
100 – 150 Ohms**



**Enhanced Flexibility
& Routability**



Water Blocked



**Hybrid Designs
for Multiple Functions**



**Jacket Materials: PVC (Many Varieties), LSZH FEP, TEFLON, EPDM,
XL-DUR, CSPE, Neoprene, Silicone Rubber and Polyurethane**



STANDARDS / COMPLIANCE

- UL 758, UL 1581 and CSA C22.2 210.2
- EN 50363, EN 50290-2-22
- EN 50214, EN 50363, EN 50290
- EN 50228-7
- IEC 61158-2

