

SENSOR AND TRANSDUCER WIRE AND CABLE

CONVENIENT PRE-SPOOLED LENGTHS

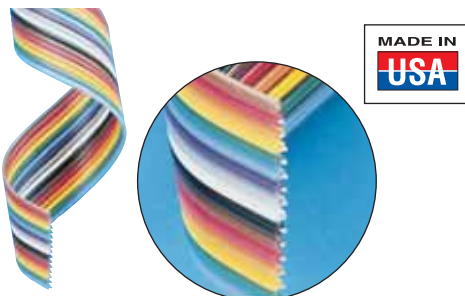
FINE-GAGE INSULATED WIRE



- ✓ 3 Mil PTFE Wall
- ✓ Single Strand
- ✓ Extruded PFA
- ✓ Excellent in Vacuum
- ✓ Non-Flammable

OMEGA's thin-wall covering process guarantees continuous lengths up to 304 m (1000'). This wire is ideal for connecting strain gages to solder terminal strips and pads.

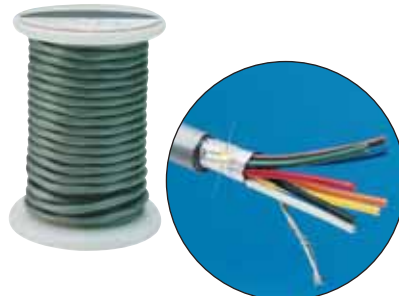
MULTICONDUCTOR RIBBON CABLE



- ✓ 28 AWG 10 to 50 Conductors
- ✓ PVC Rating to 105°C (221°F)
- ✓ Color Coded
- ✓ 30.5 m (100') Rolls

OMEGA's ribbon cables are PVC pre-insulated conductors laminated to a clear PVC film for easy termination. The color coding facilitates quick identification and circuit tracing. For different uses, the multiconductor ribbon cable can easily be trimmed to any desired width.

MULTICONDUCTOR SHIELDED CABLE



- ✓ 24 AWG Tinned Copper Wires
- ✓ PVC Insulation
- ✓ Aluminum-Polyester Shield with #24 Drain Wire
- ✓ PVC Jacket Overall
- ✓ 30.5 m (100') Rolls

Shielded cable provides the high conductivity and noise immunity required for instrumentation hookups to transducers. It is suitable for low- and high-level voltage signals and mA pickup in high EMI/RFI environments.

MOST POPULAR MODELS HIGHLIGHTED!

| To Order (Specify Model Number) | | | |
|---------------------------------|-------|--------------|---------------|
| MODEL NO. | PRICE | DIA. mm (in) | LENGTH m (ft) |
| TFCP-003-50 | \$16 | 0.076 (.003) | 15.2 (50) |
| TFCP-003-100 | 29 | 0.076 (.003) | 30.5 (100) |
| TFCP-003-500 | 119 | 0.076 (.003) | 152 (500) |
| TFCP-005-50 | 16 | 0.127 (.005) | 15.2 (50) |
| TFCP-005-100 | 29 | 0.127 (.005) | 30.5 (100) |
| TFCP-005-500 | 119 | 0.127 (.005) | 152 (500) |
| TFCP-010-50 | 16 | 0.254 (.010) | 15.2 (50) |
| TFCP-010-100 | 29 | 0.254 (.010) | 30.5 (100) |
| TFCP-010-500 | 119 | 0.254 (.010) | 152 (500) |
| TFCP-015-50 | 16 | 0.381 (.015) | 15.2 (50) |
| TFCP-015-100 | 29 | 0.381 (.015) | 30.5 (100) |
| TFCP-015-500 | 119 | 0.381 (.015) | 152 (500) |
| TFCP-020-50 | 16 | 0.508 (.020) | 15.2 (50) |
| TFCP-020-100 | 29 | 0.508 (.020) | 30.5 (100) |
| TFCP-020-500 | 119 | 0.508 (.020) | 152 (500) |
| TFCP-032-50 | 42 | 0.813 (.032) | 15.2 (50) |
| TFCP-032-100 | 73 | 0.813 (.032) | 30.5 (100) |
| TFCP-032-500 | 208 | 0.813 (.032) | 152 (500) |

MOST POPULAR MODELS HIGHLIGHTED!

| To Order (Specify Model Number) | | |
|---------------------------------|---------------------|--------------|
| MODEL NO. | PRICE 30.5 m (100') | NO. OF COND. |
| RC4-100 | \$145 | 4 |
| RC10-100 | 155 | 10 |
| RC14-100 | 230 | 14 |
| RC16-100 | 280 | 16 |
| RC20-100 | 350 | 20 |
| RC26-100 | 445 | 26 |
| RC50-100 | 885 | 50 |

MOST POPULAR MODELS HIGHLIGHTED!

| To Order (Specify Model Number) | | | |
|---------------------------------|---------------------|--------------|----------------|
| MODEL NO. | PRICE 30.5 m (100') | NO. OF COND. | NOM OD mm (in) |
| TX2-100 | \$31 | 2 | 3.18 (0.125) |
| TX4-100 | 35 | 4 | 4.83 (0.190) |
| TX8-100 | 95 | 8 | 5.59 (0.220) |
| TX15-100 | 140 | 15 | 7.11 (0.280) |

Also available in 200, 500, and 1000' lengths.

RIBBON LEAD

Flat uninsulated ribbon lead can be used to make jumper wire connections between the strain gage solder pads and the bondable terminal pads. These leads can be soldered in place, and easily bend to make the small flex loop.



AVAILABLE FOR FAST DELIVERY!

| To Order (Specify Model Number) | | |
|---------------------------------|------------------|--|
| MODEL NO. | PRICE 15 m (50') | DESCRIPTION |
| RLF-012-004-50 | \$40 | Tinned copper flat wire, 2 μ of tin 0.30 W x 0.10 mm D (0.0118 x 0.004") |



UNITED STATES

www.omega.com
1-800-TC-OMEGA
Stamford, CT.

CANADA

www.omega.ca
Laval(Quebec)
1-800-TC-OMEGA

GERMANY

www.omega.de
Deckenpfronn, Germany
0800-8266342

UNITED KINGDOM

www.omega.co.uk
Manchester, England
0800-488-488

FRANCE

www.omega.fr
Guyancourt, France
088-466-342

CZECH REPUBLIC

www.omegaeng.cz
Karviná, Czech Republic
596-311-899

BENELUX

www.omega.nl
Amstelveen, NL
0800-099-33-44



More than 100,000 Products Available!

• Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Glass Bulb Thermometers, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders Relative Humidity Measurement Instruments, RTD Probes, Elements and Assemblies, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples Thermowells and Head and Well Assemblies, Transmitters, Wire

• Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

• pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

• Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

• Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Strain Gages, Torque Transducers, Valves

• Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters