

# SENSOR AND TRANSDUCER WIRE AND CABLE

## CONVENIENT PRE-SPOOLED LENGTHS

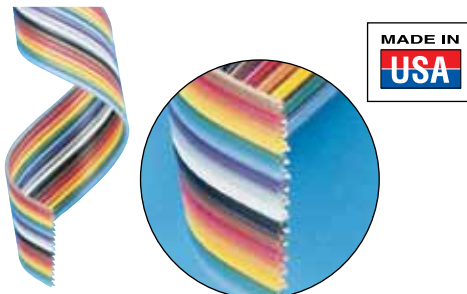
### FINE-GAGE INSULATED WIRE



- ✓ 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.

**To Order Visit [omega.com/px\\_wire](http://omega.com/px_wire) for Pricing and Details**

MODEL NO.	DIA. mm (inch)	LENGTH m (ft)
TFCP-003-50	0.076 (0.003)	15.2 (50)
TFCP-003-100	0.076 (0.003)	30.5 (100)
TFCP-003-500	0.076 (0.003)	152 (500)
TFCP-005-50	0.127 (0.005)	15.2 (50)
TFCP-005-100	0.127 (0.005)	30.5 (100)
TFCP-005-500	0.127 (0.005)	152 (500)
TFCP-010-50	0.254 (0.010)	15.2 (50)
TFCP-010-100	0.254 (0.010)	30.5 (100)
TFCP-010-500	0.254 (0.010)	152 (500)
TFCP-015-50	0.381 (0.015)	15.2 (50)
TFCP-015-100	0.381 (0.015)	30.5 (100)
TFCP-015-500	0.381 (0.015)	152 (500)
TFCP-020-50	0.508 (0.020)	15.2 (50)
TFCP-020-100	0.508 (0.020)	30.5 (100)
TFCP-020-500	0.508 (0.020)	152 (500)
TFCP-032-50	0.813 (0.032)	15.2 (50)
TFCP-032-100	0.813 (0.032)	30.5 (100)
TFCP-032-500	0.813 (0.032)	152 (500)

MODEL NO.	NO. OF COND.
RC4-100	4
RC10-100	10
RC14-100	14
RC16-100	16
RC20-100	20
RC26-100	26
RC50-100	50

MODEL NO.	NO. OF COND.	NOM OD mm (inch)
TX2-100	2	3.18 (0.125)
TX4-100	4	4.83 (0.190)
TX8-100	8	5.59 (0.220)
TX15-100	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.

MODEL NO.	DESCRIPTION
RLF-012-004-50	Tinned copper flat wire, 2 μ of tin 0.30 W x 0.10 mm D (0.0118 x 0.004")

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