











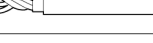
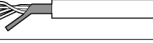
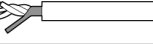



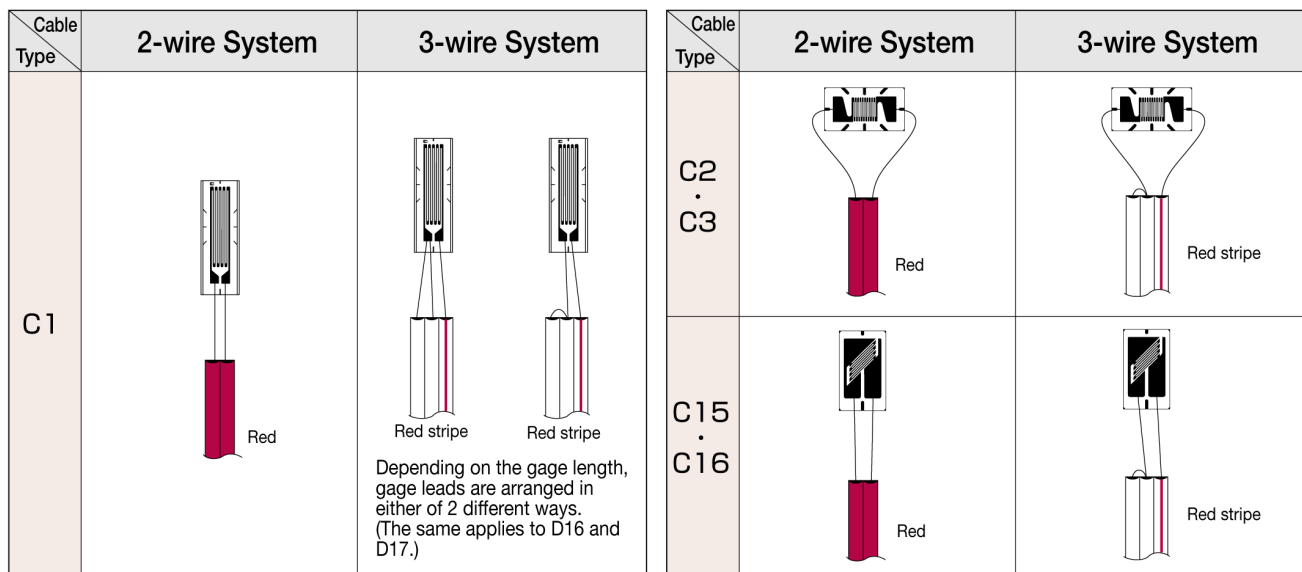
Selecting a leadwire cable based on operating temperature range and connection examples

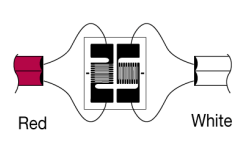
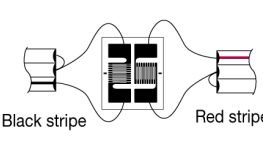
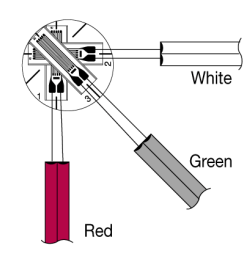
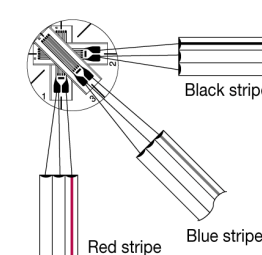
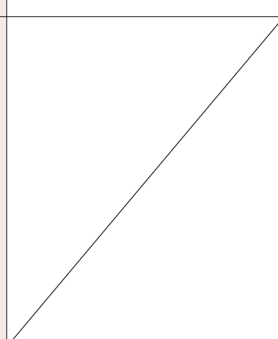
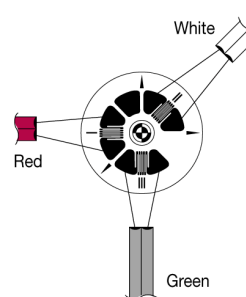
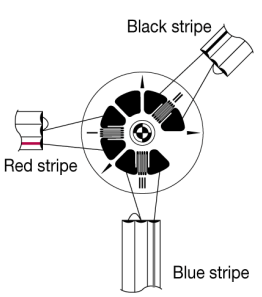
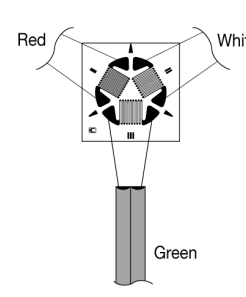
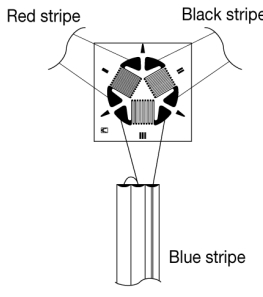
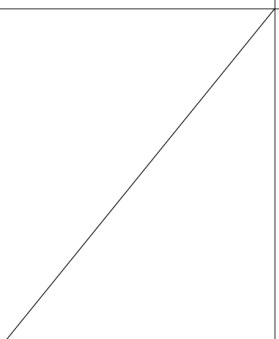
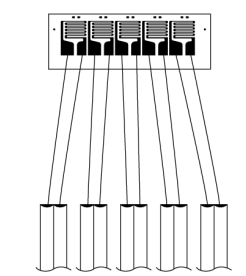
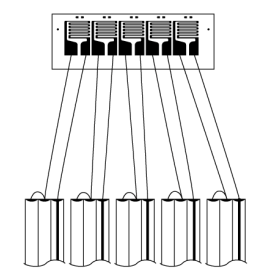
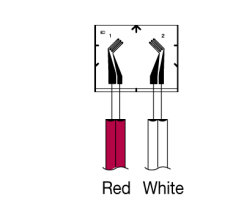
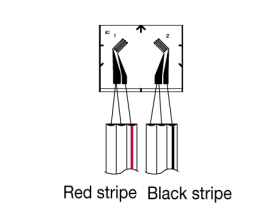
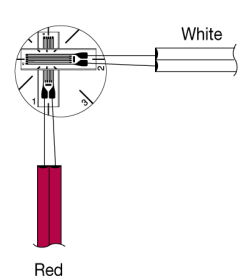
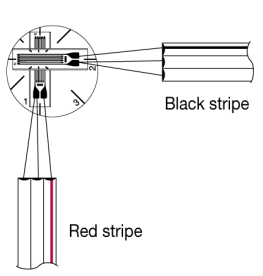
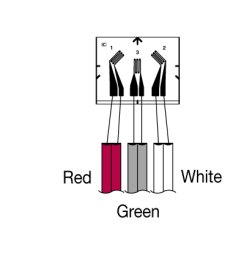
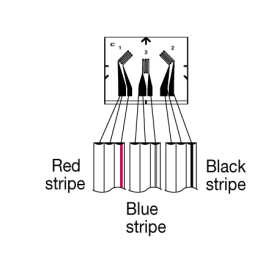
● L-type Leadwire Cables

| Operating Temperature Range | Model | Type | Conductor Material | Nominal Cross Section of Conductor (mm ²) | Number of Strands/Wire Diam. (mm) | Reciprocating Resistance per meter (Ω) | Coated Wire Diameter (mm) | Unit Length |
|-----------------------------|--------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------------------|-----------------------------------|----------------------------------------|---------------------------|-------------|
| Room temp. to 350 | L-1 |  High-temperature leadwire | CuNi alloy wires | 0.07 | 1/0.30 | 14.20 | 0.50 | 50m |
| -10 to 80 | L-2 |  Vinyl-coated flat 3-wire cable | Copper wires | 0.30 | 12/0.18 | 0.12 | 2.30 | 100m |
| -269 to 250 | L-3 |  Fluoroplastic-coated high/low-temp. 3-wire cable | Silver-plated copper wires | 0.14 | 7/0.16 | 0.28 | 0.98 | 50m |
| Room temp. to 350 | L-4 |  High-temperature leadwire | Nickel-clad copper wires | 0.20 | 1/0.50 | 0.18 | 0.70 | 30m |
| -10 to 80 | L-5 |  Vinyl-coated flat 2-wire cable | Copper wires | 0.50 | 20/0.18 | 0.07 | 2.50 | 100m |
| -10 to 80 | L-6 ^{*1} |  Vinyl-coated flat 2-wire cable | Copper wires | 0.08 | 7/0.12 | 0.44 | 1.00 | 100m |
| -10 to 80 | L-7 ^{*2} |  Vinyl-coated flat 3-wire cable | Copper wires | 0.08 | 7/0.12 | 0.44 | 1.00 | 100m |
| -10 to 80 | L-9 ^{*1} |  Vinyl-coated flat 2-wire cable | Copper wires | 0.11 | 10/0.12 | 0.32 | 1.00 | 100m |
| -10 to 80 | L-10 ^{*2} |  Vinyl-coated flat 3-wire cable | Copper wires | 0.11 | 10/0.12 | 0.32 | 1.00 | 100m |
| -100 to 150 | L-11 |  Middle-temperature 2-wire cable | Silver-plated copper wires | 0.08 | 7/0.12 | 0.50 | 0.86 | 100m |
| -100 to 150 | L-12 |  Middle-temperature 3-wire cable | Silver-plated copper wires | 0.08 | 7/0.12 | 0.50 | 0.86 | 100m |
| -10 to 80 | L-13 |  Vinyl-coated normal-temp. low-noise 3-wire cable | Tin-plated copper wires | 0.09 | 7/0.13 | 0.46 | 3.50 | 100m |
| -50 to 90 | L-14 |  Chloroprene-coated normal-temp. low-noise 4-wire cable | Tin-plated copper wires | 0.08 | 7/0.12 | 0.48 | 4.00 | 100m |
| -269 to 250 | L-15 |  Fluoroplastic-coated high/low-temp. low-noise 3-wire cable | Silver-plated copper wires | 0.08 | 7/0.12 | 0.48 | 2.50 | 10m |
| -269 to 250 | L-16 |  Fluoroplastic-coated high/low-temp. low-noise 4-wire cable | Silver-plated copper wires | 0.08 | 7/0.12 | 0.48 | 3.30 | 10m |
| -269 to 350 | L-17 |  High/low-temperature 3-wire cable | Nickel-plated copper wires | 0.07 | 1/0.30 | 0.50 | 0.38 | 30m |

*1. These models have a suffix R, W, G, Y or B indicating the coating color; red, white, green, yellow or black. e.g. L-6B: Black vinyl coated.

*2. These models have a suffix WR, WL or WY indicating the stripe color; red, blue or yellow on white vinyl coating. e.g. L-7WR: Red stripe on white coating.



| Cable Type | 2-wire System | 3-wire System | Cable Type | 2-wire System | 3-wire System | |
|------------------|-----------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| D1 |  Red White |  Black stripe Red stripe | D17 |  White Red Green |  Black stripe Red stripe Blue stripe | |
| D2 |  | | D28 |  White Red Green |  Black stripe Red stripe Blue stripe | |
| D4 | | |  Red White Green |  Red stripe Black stripe Blue stripe | D31 |  |
| D9 D19 D39 |  |  | D29 |  Red White |  Red stripe Black stripe | |
| D16 |  White Red |  Black stripe Red stripe | D30 |  White Red Green |  Red stripe Black stripe Blue stripe | |