



¶ Special leadwire for temperature-integrated gauge





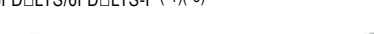
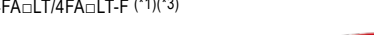
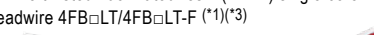
Special leadwire for temperature-integrated gauge consists of 2-core copper and 1-core constantan. To extend this wire, the exclusive leadwire should be applied properly.

Leadwire type	Core/Diameter (Cross section)	Applicable temperature	Total resistance of leadwire	Outer insulated dimensions	Length per roll	Colors
Temperature-integrated 3-wire paralleled vinyl leadwire TLJBT/TLJBT-F 	7/0.12 (0.08mm ²)	-20~+80°C	0.44Ω/m ^{(*)1}	1.2×3.6mm	—	Red-White-Blue
Temperature-integrated 3-wire twisted fluorinated resin (FEP) leadwire 6FB□TLT ^{(*)2} 	1/0.2	-269~+200°C	1.2Ω/m ^{(*)1}	Φ1.1mm	—	Red-White-Blue

N.B.: *1: Total resistance of copper wire per meter
 *2: □ is filled with the lead wire length in meter
 *: For the method of connection to a strainmeter, refer to the operation manual of the strainmeter.

¶ Fluorinated resin leadwire

With a fluorinated resin leadwires, these leadwires can be used in a wide range of temperature from extremely low to high temperatures. Fluorinated resin resists most chemicals. A surface treatment (tetra-etching) is not required by 6FAS_LT(-F).

Leadwire type	Core/Diameter (Cross section)	Applicable temperature	Total resistance of leadwire	Outer insulated dimensions	Length per roll	Suffix code of leadwire	Colors
3-wire twisted fluorinated resin (FEP) leadwire 6FA□LT/6FA□LT-F ^{(*)1} (*)3 	7/0.18 (0.18mm ²)	-269~+200°C	0.2Ω/m	Φ2.0mm	100m	-6FA_LT	Red-Green-Blue
3-wire twisted fluorinated resin (FEP) leadwire 6FAS□LT/6FAS□LT-F ^{(*)1} (*)3)(*)4 	7/0.18 (0.18mm ²)	-269~+200°C	0.2Ω/m	Φ2.0mm	100m	-6FAS_LT	Red-Green-Blue
3-wire twisted fluorinated resin (FEP) single-core leadwire 6FB□LT/6FB□LT-F ^{(*)1} (*)3 	1/0.2	-269~+200°C	1.2Ω/m	Φ1.1mm	—	-6FB_LT	Red-Green-Blue
3-wire twisted fluorinated resin (FEP) leadwire 6FC□LT/6FC□LT-F ^{(*)1} (*)3 	7/0.08 (0.04mm ²)	-269~+200°C	1.1Ω/m	Φ1.0mm	—	-6FC_LT	Red-Black-White
3-wire twisted fluorinated resin (FEP) leadwire 6FD□LTS/6FD□LTS-F ^{(*)1} (*)3 	7/0.08 (0.04mm ²)	-269~+200°C	1.1Ω/m	Φ1.5mm	—	-6FD_LTS	Outer : Red Core wire : Red-Black-White
3-wire twisted fluorinated resin (PTFE) leadwire 4FA□LT/4FA□LT-F ^{(*)1} (*)3 	7/0.16 (0.14mm ²)	-269~+260°C ^{(*)2}	0.24Ω/m	Φ1.9mm	100m	-4FA_LT	Red-Grey-White
3-wire twisted fluorinated resin (PTFE) single-core leadwire 4FB□LT/4FB□LT-F ^{(*)1} (*)3 	1/0.2	-269~+260°C ^{(*)2}	1.05Ω/m	Φ1.1mm	—	-4FB_LT	Red-Black-White

N.B.: *1: □ is filled with the lead wire length in meter
 *2: PTFE leadwire is available for use in 300°C for a short term
 *3: Suffix code LT(CT) means connecting terminal joint, while LT(TA) means insulation with film
 *4: for easy application of coating: Surface treatment (tetra-etching) is not required when applying coating