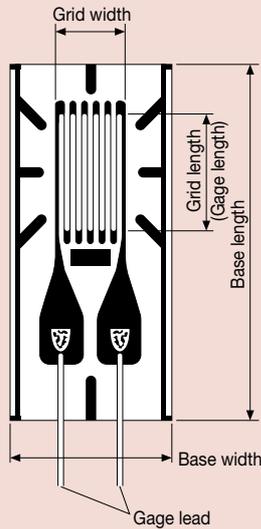


# Gages for General Stress Measurement

# KFG

- Gage Factor Approx. 2.1
- Applicable Linear Expansion Coefficients 5, 11, 16, 23, 27
- Self-temperature-compensation Range 10 to 100°C



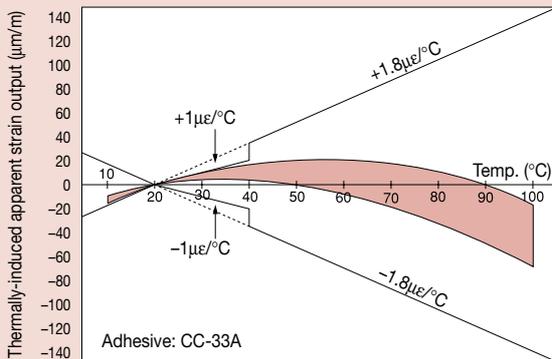
### Applicable Adhesives and Operating Temperature Ranges

- CC-33A: -196 to 120°C
- CC-35: -30 to 120°C
- EP-34B: -55 to 150°C
- PC-6: -196 to 150°C

## General-purpose Foil Strain Gages

The KFG gages use polyimide resin for the base approximately 13μm thick, ensuring excellent flexibility. Besides indoor measurement, the outstanding moisture resistance lets them effectively perform outdoor measurement. Unless directly exposed to waterdrops, no coating treatment is required.

### Typical characteristic curve of thermally-induced apparent strain with KFG gage

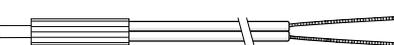
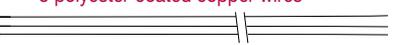
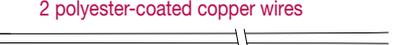
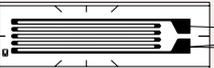
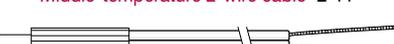
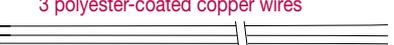


- Various lengths and patterns are available to cope with multiple applications.
- Excellent moisture resistance.
- The thin gage base provides less resiliency, and thus ensures excellent workability and easy bonding to curved surfaces.
- Compensated temperature range is as wide as 10 to 100°C and thermal effect in a range of 20 to 40°C is as small as ±1με/°C.
- Strain limit at room temperatures is approximately 5% and fatigue life is 1.2 x 10<sup>7</sup> times (uniaxial gages), making them suitable for material tests.
- The resistance, gage factor and leadwire cable are labeled.
- Delivered in an airtight package.
- Characteristic values are expressed in accordance with the OIML International Recommendation No. 62.
- Immediate delivery is ensured.

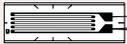
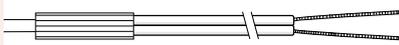
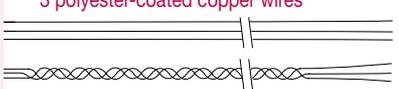
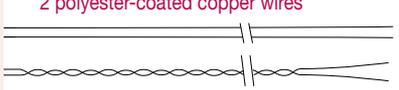
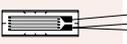
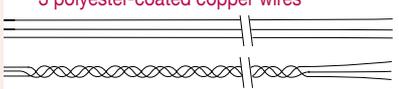
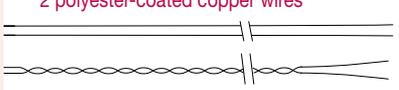
### Types, lengths and codes of leadwire cables pre-attached to KFG gages

Type	2 polyester-coated copper wires		3 polyester-coated copper wires		Vinyl-coated flat 2-wire cable		Vinyl-coated flat 3-wire cable		Middle-temperature 2-wire cable	Middle-temperature 3-wire cable	
	C1,C2,C3,C15,C16, D1,D3,D4,D6, D16,D17,D28, D29,D30,	C1,C2,C3,C15,C16, D1,D2,D4, D16,D17,D29,D30, D31	C1,C2,C3, C15,C16, D9,D19, D39	D1,D4, D16,D17, D28, D29,D30	C1,C2,C3, C15,C16, D2,D9,D19, D31,D39	D1,D4, D16,D17, D28, D29,D30	C1,C2,C3,C15,C16, D1,D4,D9, D16,D17,D19,D28, D29,D30,D39	C1,C2,C3,C15,C16, D1,D2,D4,D9, D16,D17,D19,D28, D29,D30,D31,D39			
2 cm	N2C2	N2C3									
3	N3C2	N3C3									
4	N4C2	N4C3									
5	N5C2	N5C3									
10	N10C2	N10C3									
15	N15C2	N15C3	L15C2R	L15C2S	L15C3R	L15C3S	R15C2	R15C3			
30	N30C2	N30C3	L30C2R	L30C2S	L30C3R	L30C3S	R30C2	R30C3			
50	N50C2	N50C3	L50C2R	L50C2S	L50C3R	L50C3S	R50C2	R50C3			
1 m	N1M2	N1M3	L1M2R	L1M2S	L1M3R	L1M3S	R1M2	R1M3			
2			L2M2R	L2M2S	L2M3R	L2M3S	R2M2	R2M3			
3			L3M2R	L3M2S	L3M3R	L3M3S	R3M2	R3M3			
4			L4M2R	L4M2S	L4M3R	L4M3S	R4M2	R4M3			
5			L5M2R	L5M2S	L5M3R	L5M3S	R5M2	R5M3			
6			L6M2R	L6M2S	L6M3R	L6M3S	R6M2	R6M3			
8			L8M2R	L8M2S	L8M3R	L8M3S	R8M2	R8M3			
10			L10M2R	L10M2S	L10M3R	L10M3S	R10M2	R10M3			
15			L15M2R	L15M2S	L15M3R	L15M3S	R15M2	R15M3			
20			L20M2R	L20M2S	L20M3R	L20M3S	R20M2	R20M3			
30 m			L30M2R	L30M2S	L30M3R	L30M3S	R30M2	R30M3			
Oprg. temp. range	-196 to 150°C			-10 to 80°C			-100 to 150°C				
Remarks	Twisted for 50cm and 1m long (with some exception)			L-6; L-9 for 6m or longer		L-7; L-10 for 6m or longer		L-11	L-12		

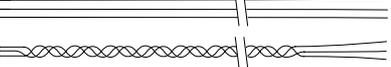
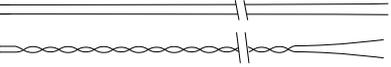
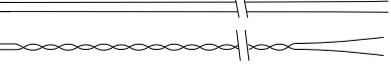
# KFG Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model	
<b>KFG-30-120-C1-11</b> 16 23 27	 Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-30-120-C1-11 L1M3R	
			3m	KFG-30-120-C1-11 L3M3R	
			5m	KFG-30-120-C1-11 L5M3R	
	 Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-30-120-C1-11 L1M2R	
			3m	KFG-30-120-C1-11 L3M2R	
			5m	KFG-30-120-C1-11 L5M2R	
	 Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-30-120-C1-11 R1M3	
			3m	KFG-30-120-C1-11 R3M3	
			5m	KFG-30-120-C1-11 R5M3	
	 Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-30-120-C1-11 R1M2	
			3m	KFG-30-120-C1-11 R3M2	
			5m	KFG-30-120-C1-11 R5M2	
	 3 polyester-coated copper wires	-196 to 150°C	30cm	KFG-30-120-C1-11 N30C3	
			50cm	KFG-30-120-C1-11 N50C3	
			1m	KFG-30-120-C1-11 N1M3	
 2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-30-120-C1-11 N30C2		
		50cm	KFG-30-120-C1-11 N50C2		
		1m	KFG-30-120-C1-11 N1M2		
<b>Uniaxial</b> ● Base Size 37 x 5.2 mm ● Gage Length 30 mm ● Gage Resistance 120Ω ● Pieces per Pack 10	 Silver-clad copper wires	-196 to 150°C	25mm	KFG-30-120-C1-11	
	<b>KFG-20-120-C1-11</b> 16 23 27	 Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-20-120-C1-11 L1M3R
				3m	KFG-20-120-C1-11 L3M3R
				5m	KFG-20-120-C1-11 L5M3R
		 Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-20-120-C1-11 L1M2R
				3m	KFG-20-120-C1-11 L3M2R
				5m	KFG-20-120-C1-11 L5M2R
		 Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-20-120-C1-11 R1M3
				3m	KFG-20-120-C1-11 R3M3
				5m	KFG-20-120-C1-11 R5M3
		 Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-20-120-C1-11 R1M2
				3m	KFG-20-120-C1-11 R3M2
				5m	KFG-20-120-C1-11 R5M2
		 3 polyester-coated copper wires	-196 to 150°C	30cm	KFG-20-120-C1-11 N30C3
				50cm	KFG-20-120-C1-11 N50C3
1m				KFG-20-120-C1-11 N1M3	
 2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-20-120-C1-11 N30C2		
		50cm	KFG-20-120-C1-11 N50C2		
		1m	KFG-20-120-C1-11 N1M2		
<b>Uniaxial</b> ● Base Size 28 x 8 mm ● Gage Length 20 mm ● Gage Resistance 120Ω ● Pieces per Pack 10	 Silver-clad copper wires	-196 to 150°C	25mm	KFG-20-120-C1-11	

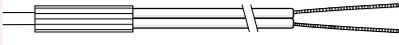
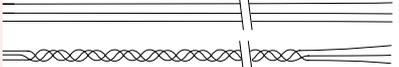
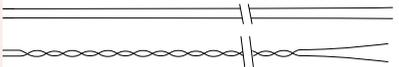
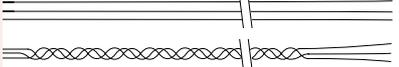
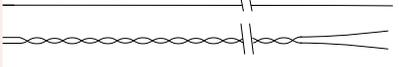
# KFG Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable - Type and Shape	Operating Temp. Range	Leadwire Length	Model	
<b>KFG-10-120-C1-11</b> 16 23 27  <b>Uniaxial</b> ● Base Size 16 x 5.2 mm ● Gage Length 10 mm ● Gage Resistance 120Ω ● Pieces per Pack 10	 Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-10-120-C1-11 L1M3R	
			3m	KFG-10-120-C1-11 L3M3R	
			5m	KFG-10-120-C1-11 L5M3R	
		 Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-10-120-C1-11 L1M2R
		3m		KFG-10-120-C1-11 L3M2R	
		5m		KFG-10-120-C1-11 L5M2R	
		 Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-10-120-C1-11 R1M3
		3m		KFG-10-120-C1-11 R3M3	
		5m		KFG-10-120-C1-11 R5M3	
		 Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-10-120-C1-11 R1M2
		3m		KFG-10-120-C1-11 R3M2	
		5m		KFG-10-120-C1-11 R5M2	
		 3 polyester-coated copper wires 30cm 50cm • 1m	-196 to 150°C	30cm	KFG-10-120-C1-11 N30C3
		50cm		KFG-10-120-C1-11 N50C3	
		1m		KFG-10-120-C1-11 N1M3	
	 2 polyester-coated copper wires 30cm 50cm • 1m	-196 to 150°C	30cm	KFG-10-120-C1-11 N30C2	
	50cm		KFG-10-120-C1-11 N50C2		
	1m		KFG-10-120-C1-11 N1M2		
	 Silver-clad copper wires	-196 to 150°C	25mm	KFG-10-120-C1-11	
<b>KFG-6-120-C1-11</b> 16 23 27  <b>Uniaxial</b> ● Base Size 10 x 3.4 mm ● Gage Length 6 mm ● Gage Resistance 120Ω ● Pieces per Pack 10	 Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-6-120-C1-11 L1M3R	
			3m	KFG-6-120-C1-11 L3M3R	
			5m	KFG-6-120-C1-11 L5M3R	
		 Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-6-120-C1-11 L1M2R
		3m		KFG-6-120-C1-11 L3M2R	
		5m		KFG-6-120-C1-11 L5M2R	
		 Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-6-120-C1-11 R1M3
		3m		KFG-6-120-C1-11 R3M3	
		5m		KFG-6-120-C1-11 R5M3	
		 Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-6-120-C1-11 R1M2
		3m		KFG-6-120-C1-11 R3M2	
		5m		KFG-6-120-C1-11 R5M2	
		 3 polyester-coated copper wires 30cm 50cm • 1m	-196 to 150°C	30cm	KFG-6-120-C1-11 N30C3
		50cm		KFG-6-120-C1-11 N50C3	
		1m		KFG-6-120-C1-11 N1M3	
	 2 polyester-coated copper wires 30cm 50cm • 1m	-196 to 150°C	30cm	KFG-6-120-C1-11 N30C2	
	50cm		KFG-6-120-C1-11 N50C2		
	1m		KFG-6-120-C1-11 N1M2		
	 Silver-clad copper wires	-196 to 150°C	25mm	KFG-6-120-C1-11	

# KFG Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model
<b>KFG-5-120-C1-11</b> 16 23 27 5	 Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-5-120-C1-11 L1M3R
			3m	KFG-5-120-C1-11 L3M3R
			5m	KFG-5-120-C1-11 L5M3R
	 Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-5-120-C1-11 L1M2R
			3m	KFG-5-120-C1-11 L3M2R
			5m	KFG-5-120-C1-11 L5M2R
	 Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-5-120-C1-11 R1M3
			3m	KFG-5-120-C1-11 R3M3
			5m	KFG-5-120-C1-11 R5M3
	 Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-5-120-C1-11 R1M2
			3m	KFG-5-120-C1-11 R3M2
			5m	KFG-5-120-C1-11 R5M2
	 3 polyester-coated copper wires	-196 to 150°C	30cm	KFG-5-120-C1-11 N30C3
			50cm	KFG-5-120-C1-11 N50C3
			1m	KFG-5-120-C1-11 N1M3
 2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-5-120-C1-11 N30C2	
		50cm	KFG-5-120-C1-11 N50C2	
		1m	KFG-5-120-C1-11 N1M2	
 Silver-clad copper wires	-196 to 150°C	25mm	KFG-5-120-C1-11	
		<b>Uniaxial</b> ● Base Size 9.4 x 2.8 mm ● Gage Length 5 mm ● Gage Resistance 120Ω ● Pieces per Pack 10		
		 Silver-clad copper wires		
<b>KFG-4N-120-C1-11</b> 16 23 27	 Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-4N-120-C1-11 L1M3R
			3m	KFG-4N-120-C1-11 L3M3R
			5m	KFG-4N-120-C1-11 L5M3R
	 Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-4N-120-C1-11 L1M2R
			3m	KFG-4N-120-C1-11 L3M2R
			5m	KFG-4N-120-C1-11 L5M2R
	 Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-4N-120-C1-11 R1M3
			3m	KFG-4N-120-C1-11 R3M3
			5m	KFG-4N-120-C1-11 R5M3
	 Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-4N-120-C1-11 R1M2
			3m	KFG-4N-120-C1-11 R3M2
			5m	KFG-4N-120-C1-11 R5M2
	 2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-4N-120-C1-11 N30C2
			50cm	KFG-4N-120-C1-11 N50C2
			1m	KFG-4N-120-C1-11 N1M2
 Silver-clad copper wires	-196 to 150°C	25mm	KFG-4N-120-C1-11	
		<b>Uniaxial</b> ● Base Size 8 x 1.4 mm ● Gage Length 4 mm ● Gage Resistance 120Ω ● Pieces per Pack 10		
		 Silver-clad copper wires		

# KFG Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model	
<b>KFG-3-120-C1-11</b> 16 23 27	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-3-120-C1-11 L1M3R	
			3m	KFG-3-120-C1-11 L3M3R	
			5m	KFG-3-120-C1-11 L5M3R	
		Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-3-120-C1-11 L1M2R
				3m	KFG-3-120-C1-11 L3M2R
				5m	KFG-3-120-C1-11 L5M2R
		Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-3-120-C1-11 R1M3
				3m	KFG-3-120-C1-11 R3M3
				5m	KFG-3-120-C1-11 R5M3
		Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-3-120-C1-11 R1M2
				3m	KFG-3-120-C1-11 R3M2
				5m	KFG-3-120-C1-11 R5M2
		3 polyester-coated copper wires	-196 to 150°C	30cm	KFG-3-120-C1-11 N30C3
				50cm	KFG-3-120-C1-11 N50C3
				1m	KFG-3-120-C1-11 N1M3
	2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-3-120-C1-11 N30C2	
			50cm	KFG-3-120-C1-11 N50C2	
			1m	KFG-3-120-C1-11 N1M2	
	Silver-clad copper wires	-196 to 150°C	25mm	KFG-3-120-C1-11	
<b>KFG-2-120-C1-11</b> 16 23 27 5	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-2-120-C1-11 L1M3R	
			3m	KFG-2-120-C1-11 L3M3R	
			5m	KFG-2-120-C1-11 L5M3R	
		Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-2-120-C1-11 L1M2R
				3m	KFG-2-120-C1-11 L3M2R
				5m	KFG-2-120-C1-11 L5M2R
		Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-2-120-C1-11 R1M3
				3m	KFG-2-120-C1-11 R3M3
				5m	KFG-2-120-C1-11 R5M3
		Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-2-120-C1-11 R1M2
				3m	KFG-2-120-C1-11 R3M2
				5m	KFG-2-120-C1-11 R5M2
		3 polyester-coated copper wires	-196 to 150°C	30cm	KFG-2-120-C1-11 N30C3
				50cm	KFG-2-120-C1-11 N50C3
				1m	KFG-2-120-C1-11 N1M3
	2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-2-120-C1-11 N30C2	
			50cm	KFG-2-120-C1-11 N50C2	
			1m	KFG-2-120-C1-11 N1M2	
	Silver-clad copper wires	-196 to 150°C	25mm	KFG-2-120-C1-11	

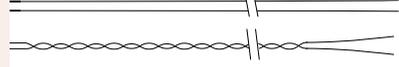
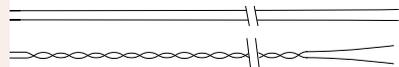
### Uniaxial

- Base Size 7.4 x 2.8 mm
- Gage Length 3 mm
- Gage Resistance 120Ω
- Pieces per Pack 10

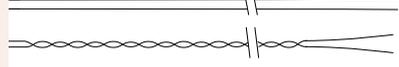
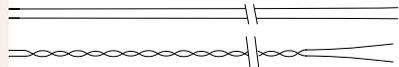
### Uniaxial

- Base Size 6.3 x 2.8 mm
- Gage Length 2 mm
- Gage Resistance 120Ω
- Pieces per Pack 10

# KFG Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model
<b>KFG-2N-120-C1-11</b> 16 23 27	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-2N-120-C1-11 L1M3R
			3m	KFG-2N-120-C1-11 L3M3R
			5m	KFG-2N-120-C1-11 L5M3R
	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-2N-120-C1-11 L1M2R
			3m	KFG-2N-120-C1-11 L3M2R
			5m	KFG-2N-120-C1-11 L5M2R
	Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-2N-120-C1-11 R1M3
			3m	KFG-2N-120-C1-11 R3M3
			5m	KFG-2N-120-C1-11 R5M3
	Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-2N-120-C1-11 R1M2
			3m	KFG-2N-120-C1-11 R3M2
			5m	KFG-2N-120-C1-11 R5M2
	2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-2N-120-C1-11 N30C2
			50cm	KFG-2N-120-C1-11 N50C2
			1m	KFG-2N-120-C1-11 N1M2
<b>Uniaxial</b> ● Base Size 5.3 x 1.4 mm ● Gage Length 2 mm ● Gage Resistance 120Ω ● Pieces per Pack 10	Silver-clad copper wires	-196 to 150°C	25mm	KFG-2N-120-C1-11
<b>KFG-1-120-C1-11</b> 16 23 27	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-1-120-C1-11 L1M3R
			3m	KFG-1-120-C1-11 L3M3R
			5m	KFG-1-120-C1-11 L5M3R
	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-1-120-C1-11 L1M2R
			3m	KFG-1-120-C1-11 L3M2R
			5m	KFG-1-120-C1-11 L5M2R
	Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-1-120-C1-11 R1M3
			3m	KFG-1-120-C1-11 R3M3
			5m	KFG-1-120-C1-11 R5M3
	Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-1-120-C1-11 R1M2
			3m	KFG-1-120-C1-11 R3M2
			5m	KFG-1-120-C1-11 R5M2
	2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-1-120-C1-11 N30C2
			50cm	KFG-1-120-C1-11 N50C2
			1m	KFG-1-120-C1-11 N1M2
<b>Uniaxial</b> ● Base Size 4.8 x 2.4 mm ● Gage Length 1 mm ● Gage Resistance 120Ω ● Pieces per Pack 10	Silver-clad copper wires	-196 to 150°C	25mm	KFG-1-120-C1-11

# KFG Gages ● Uniaxial 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model		
<b>KFG-1N-120-C1-11</b> 16 23 27	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-1N-120-C1-11 L1M3R		
			3m	KFG-1N-120-C1-11 L3M3R		
			5m	KFG-1N-120-C1-11 L5M3R		
		Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-1N-120-C1-11 L1M2R	
				3m	KFG-1N-120-C1-11 L3M2R	
				5m	KFG-1N-120-C1-11 L5M2R	
		Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-1N-120-C1-11 R1M3	
				3m	KFG-1N-120-C1-11 R3M3	
				5m	KFG-1N-120-C1-11 R5M3	
		Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-1N-120-C1-11 R1M2	
				3m	KFG-1N-120-C1-11 R3M2	
				5m	KFG-1N-120-C1-11 R5M2	
	2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-1N-120-C1-11 N30C2		
			50cm	KFG-1N-120-C1-11 N50C2		
			1m	KFG-1N-120-C1-11 N1M2		
<b>Uniaxial</b> ● Base Size 4.2 x 1.5 mm ● Gage Length 1 mm ● Gage Resistance 120Ω ● Pieces per Pack 10	Silver-clad copper wires	-196 to 150°C	25mm	KFG-1N-120-C1-11		
	<b>KFG-03-120-C1-11</b> 16 23 27	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-03-120-C1-11 L1M3R	
				3m	KFG-03-120-C1-11 L3M3R	
				5m	KFG-03-120-C1-11 L5M3R	
			Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	-10 to 80°C	1m	KFG-03-120-C1-11 L1M2R
					3m	KFG-03-120-C1-11 L3M2R
					5m	KFG-03-120-C1-11 L5M2R
			Middle-temperature 3-wire cable L-12	-100 to 150°C	1m	KFG-03-120-C1-11 R1M3
					3m	KFG-03-120-C1-11 R3M3
					5m	KFG-03-120-C1-11 R5M3
			Middle-temperature 2-wire cable L-11	-100 to 150°C	1m	KFG-03-120-C1-11 R1M2
					3m	KFG-03-120-C1-11 R3M2
			5m		KFG-03-120-C1-11 R5M2	
	2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-03-120-C1-11 N30C2		
			50cm	KFG-03-120-C1-11 N50C2		
			1m	KFG-03-120-C1-11 N1M2		
<b>Uniaxial</b> ● Base Size 3.5 x 2.4 mm ● Gage Length 0.3 mm ● Gage Resistance 120Ω ● Pieces per Pack 10	Silver-clad copper wires	-196 to 150°C	25mm	KFG-03-120-C1-11		

# KFG Gages ● Uniaxial 120Ω/Biaxial 120Ω

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model	
KFG-02-120-C1-11 16 23 27	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-02-120-C1-11 L1M3R	
			3m	KFG-02-120-C1-11 L3M3R	
			5m	KFG-02-120-C1-11 L5M3R	
	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		-10 to 80°C	1m	KFG-02-120-C1-11 L1M2R
				3m	KFG-02-120-C1-11 L3M2R
				5m	KFG-02-120-C1-11 L5M2R
	Middle-temperature 3-wire cable L-12		-100 to 150°C	1m	KFG-02-120-C1-11 R1M3
				3m	KFG-02-120-C1-11 R3M3
				5m	KFG-02-120-C1-11 R5M3
Middle-temperature 2-wire cable L-11		-100 to 150°C	1m	KFG-02-120-C1-11 R1M2	
			3m	KFG-02-120-C1-11 R3M2	
			5m	KFG-02-120-C1-11 R5M2	
Uniaxial	2 polyester-coated copper wires	-196 to 150°C	30cm	KFG-02-120-C1-11 N30C2	
			50cm	KFG-02-120-C1-11 N50C2	
			50cm + 1m		
			1m	KFG-02-120-C1-11 N1M2	
	Silver-clad copper wires	-196 to 150°C	25mm	KFG-02-120-C1-11	

- Base Size 3.3 x 2.4 mm
- Gage Length 0.2 mm
- Gage Resistance 120Ω
- Pieces per Pack 10