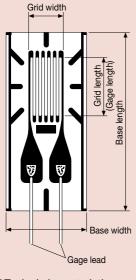
### **Gages for General Stress Measurement**





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

#### Applicable Adhesives and Operating Temperature Ranges

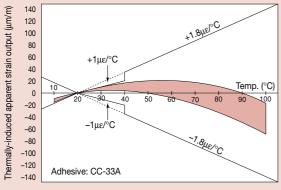
CC-33A: -196 to 120°C CC-35: -30 to 120°C EP-34B: -55 to 150°C PC-6: -196 to 150°C

### **■**General-purpose Foil Strain Gages

The KFG gages use polyimide resin for the base approximately  $13\mu m$  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.

- 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  $\pm 1\mu\epsilon I^{\circ}C$ .
- Strain limit at room temperatures is approximately 5% and fatigue life is 1.2 x10<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.

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



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

Туре	2 polyester-coated copper wires	3 polyester-coated copper wires	Vinyl-coated fla	at 2-wire cable	Vinyl-coated flat 3-wire cable		Middle-temperature 2-wire cable	Middle-temperature 3-wire cable	
Length	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	−10 to 80°C			-100 to 150°C	
Remarks	Twisted for 50cm and 1m l	ong (with some exception)	L-6; L-9 for 6	m or longer	L-7; L-10 fo	r 6m or longer	L-11	L-12	

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model
	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer		1m	KFG-30-120-C1-11 L1M3
	- International Control of Contro	−10 to 80°C	3m	KFG-30-120-C1-11 L3M3
M			5m	KFG-30-120-C1-11 L5M3
KFG-30-120-C1-	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-30-120-C1-11 L1M2
	3	−10 to 80°C	3m	KFG-30-120-C1-11 L3M2
	7		5m	KFG-30-120-C1-11 L5M2
	Middle-temperature 3-wire cable L-12		1m	KFG-30-120-C1-11 R1M3
		−100 to 150°C	3m	KFG-30-120-C1-11 R3M3
			5m	KFG-30-120-C1-11 R5M3
	Middle-temperature 2-wire cable L-11		1m	KFG-30-120-C1-11 R1M2
		−100 to 150°C	3m	KFG-30-120-C1-11 R3M2
			5m	KFG-30-120-C1-11 R5M2
	3 polyester-coated copper wires		30cm	KFG-30-120-C1-11 N30C
	30cm	−196 to 150°C	50cm	KFG-30-120-C1-11 N50C
	50cm·1m		1m	KFG-30-120-C1-11 N1M3
	2 polyester-coated copper wires		30cm	KFG-30-120-C1-11 N30C
Uniaxial		−196 to 150°C	50cm	KFG-30-120-C1-11 N50C
Base Size 37 x 5.2	mm 50cm·1n	1 10 100 0	1m	KFG-30-120-C1-11 N1M2
Gage Length Gage Resistance 1200 Prieces per Pack 10	Silver-clad conner wires	-196 to 150°C	25mm	KFG-30-120-C1-11
	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer		1m	KFG-20-120-C1-11 L1M3
	Annual Managarian Mana	−10 to 80°C	3m	KFG-20-120-C1-11 L3M3
			5m	KFG-20-120-C1-11 L5M3
KFG-20-120-C1-	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-20-120-C1-11 L1M2
	3	−10 to 80°C	3m	KFG-20-120-C1-11 L3M2
	7		5m	KFG-20-120-C1-11 L5M2
	Middle-temperature 3-wire cable L-12		1m	KFG-20-120-C1-11 R1M3
	- Incomment of the Control of the Co	-100 to 150°C	3m	KFG-20-120-C1-11 R3M3
		10 100 0	5m	KFG-20-120-C1-11 R5M3
	Middle-temperature 2-wire cable L-11		1m	KFG-20-120-C1-11 R1M2
	middle composition 2 will educe 2 miles	-100 to 150°C	3m	KFG-20-120-C1-11 R3M2
		10 100-0	5m	KFG-20-120-C1-11 R5M2
	3 polyester-coated copper wires		30cm	KFG-20-120-C1-11 N30C
	30cm	-196 to 150°C	50cm	KFG-20-120-C1-11 N50C
	50cm·1m		1m	KFG-20-120-C1-11 N1M3
	2 polyester-coated copper wires		30cm	KFG-20-120-C1-11 N30C
Uniaxial	2 polyester-coated copper wires 30cm	-196	50cm	KFG-20-120-C1-11 N50C
Base Size 28 x 8 r	50cm·1m	to 150°C	1m	KFG-20-120-C1-11 N1M2
Gage Length 20 mi Gage Resistance 1200	Silver-clad copper wires	-196		
Pieces per Pack 10		to 150°C	25mm	KFG-20-120-C1-11

Patter	n	Leadwire Cable - Type and Shape	Operating Temp. Range	Leadwire Length	Model
		Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)		1m	KFG-10-120-C1-11 L1M3R
	<b>1</b>		-10 to 80°C	3m	KFG-10-120-C1-11 L3M3R
WEO 40 40	04.44			5m	KFG-10-120-C1-11 L5M3R
KFG-10-120	)-G1-11 16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-10-120-C1-11 L1M2F
	23		−10 to 80°C	3m	KFG-10-120-C1-11 L3M2F
	27		10 00 0	5m	KFG-10-120-C1-11 L5M2F
		Middle-temperature 3-wire cable L-12		1m	KFG-10-120-C1-11 R1M3
			-100 to 150°C	3m	KFG-10-120-C1-11 R3M3
			to 130 C	5m	KFG-10-120-C1-11 R5M3
		Middle-temperature 2-wire cable L-11		1m	KFG-10-120-C1-11 R1M2
		Wilder temperature 2 wire easie E 11	-100 to 150°C	3m	KFG-10-120-C1-11 R3M2
			10 130 0	5m	KFG-10-120-C1-11 R5M2
		3 polyester-coated copper wires		30cm	KFG-10-120-C1-11 N30C3
		30cm	-196	50cm	KFG-10-120-C1-11 N50C3
		50cm·1m	to 150°C	1m	KFG-10-120-C1-11 N1M3
		2 polyester-coated copper wires		30cm	KFG-10-120-C1-11 N30C2
Jniaxial		2 polyester-coated copper wires 30cm	-196	50cm	KFG-10-120-C1-11 N50C2
Base Size	16 x 5.2 mm	50cm·1m	to 150°C	1m	KFG-10-120-C1-11 N1M2
Gage Length	10 mm				14 4 16 125 61 11 111112
Gage Resistance Pieces per Pack	120Ω 10		-196 to 150°C	25mm	KFG-10-120-C1-11
		Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)		1m	KFG-6-120-C1-11 L1M3R
		Virgi-coated flat 3-wire cable 12-7 (1-10 for fill of longer)	−10 to 80°C	3m	KFG-6-120-C1-11 L3M3R
				5m	KFG-6-120-C1-11 L5M3R
KFG-6-120-	·C1-11 16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-6-120-C1-11 L1M2R
	23		−10 to 80°C	3m	KFG-6-120-C1-11 L3M2R
	27			5m	KFG-6-120-C1-11 L5M2R
		Middle-temperature 3-wire cable L-12		1m	KFG-6-120-C1-11 R1M3
			-100 to 150°C	3m	KFG-6-120-C1-11 R3M3
			10 100 0	5m	KFG-6-120-C1-11 R5M3
		Middle-temperature 2-wire cable L-11		1m	KFG-6-120-C1-11 R1M2
		Wilder Competition 2 will be dealer 2. The	-100 to 150°C	3m	KFG-6-120-C1-11 R3M2
			to 150°C	5m	KFG-6-120-C1-11 R5M2
		3 polyester-coated copper wires		30cm	KFG-6-120-C1-11 N30C3
		30cm	-196 to 150°C	50cm	KFG-6-120-C1-11 N50C3
		50cm·1m		1m	KFG-6-120-C1-11 N1M3
		2 polyester-coated copper wires		30cm	KFG-6-120-C1-11 N30C2
Uniaxial		2 polyester-coated copper wires 30cm	-196	50cm	KFG-6-120-C1-11 N50C2
Base Size	10 x 3.4 mm	50cm·1r	to 150°C	1m	KFG-6-120-C1-11 N1M2
Gage Length	6 mm	Silver-clad copper wires			
Gage Length		Suver-cian copper Wirec	-196		
Gage Resistance	120Ω	Silver-clad copper wires	-196 to 150°C	25mm	KFG-6-120-C1-11

Pattern	Leadwire Cable - Type and Shape	Operating Temp. Range	Leadwire Length	Model
	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)		1m	KFG-5-120-C1-11 L1M3R
D.		−10 to 80°C	3m	KFG-5-120-C1-11 L3M3R
VFO 5 100 C1 11	1		5m	KFG-5-120-C1-11 L5M3R
KFG-5-120-C1-11 16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-5-120-C1-11 L1M2R
23	Virgi ocaca nat 2 wire cable 2 o (2 o to third to tiget)	−10 to 80°C	3m	KFG-5-120-C1-11 L3M2R
27			5m	KFG-5-120-C1-11 L5M2R
5	Middle-temperature 3-wire cable L-12		1m	KFG-5-120-C1-11 R1M3
		−100 to 150°C	3m	KFG-5-120-C1-11 R3M3
		10 100 0	5m	KFG-5-120-C1-11 R5M3
	Middle-temperature 2-wire cable L-11		1m	KFG-5-120-C1-11 R1M2
	- Indiana and the state of the	−100 to 150°C	3m	KFG-5-120-C1-11 R3M2
			5m	KFG-5-120-C1-11 R5M2
	3 polyester-coated copper wires		30cm	KFG-5-120-C1-11 N30C3
	30cm	−196 to 150°C	50cm	KFG-5-120-C1-11 N50C3
	50cm·1m		1m	KFG-5-120-C1-11 N1M3
	2 polyester-coated copper wires		30cm	KFG-5-120-C1-11 N30C2
Uniaxial		−196 to 150°C	50cm	KFG-5-120-C1-11 N50C2
Base Size 9.4 x 2.8 mm	50cm·1m		1m	KFG-5-120-C1-11 N1M2
● Gage Length       5 mm         ● Gage Resistance       120Ω         ● Pieces per Pack       10	Silver-clad copper wires	-196 to 150°C	25mm	KFG-5-120-C1-11
	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)		1m	KFG-4N-120-C1-11 L1M3
FE CONTROL OF THE PARTY OF THE		−10 to 80°C	3m	KFG-4N-120-C1-11 L3M3
KFG-4N-120-C1-11			5m	KFG-4N-120-C1-11 L5M3
16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-4N-120-C1-11 L1M2
23 27		−10 to 80°C	3m	KFG-4N-120-C1-11 L3M2
		10 00 0	5m	KFG-4N-120-C1-11 L5M2
	Middle-temperature 3-wire cable L-12		1m	KFG-4N-120-C1-11 R1M3
		-100 to 150°C	3m	KFG-4N-120-C1-11 R3M3
		10 100 0	5m	KFG-4N-120-C1-11 R5M3
	Million and the second second		1m	KFG-4N-120-C1-11 R1M2
	Middle-temperature 2-wire cable L-11	−100 to 150°C	3m	KFG-4N-120-C1-11 R3M2
		10 150 0	5m	KFG-4N-120-C1-11 R5M2
	2 polyester-coated copper wires		30cm	KFG-4N-120-C1-11 N30C
	2 polyester-coated copper wires  30cm	-196 t- 15000	50cm	KFG-4N-120-C1-11 N50C
Uniaxial	50cm·1m	to 150°C	1m	KFG-4N-120-C1-11 N1M2
Base Size 8 x 1.4 mm				
<ul> <li>Gage Length 4 mm</li> <li>Gage Resistance 120Ω</li> <li>Pieces per Pack 10</li> </ul>	Silver-clad copper wires	−196 to 150°C	25mm	KFG-4N-120-C1-11

Pattern	Leadwire Cable – Type and Shape	Operating Temp. Range	Leadwire Length	Model
	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)		1m	KFG-3-120-C1-11 L1M3R
		−10 to 80°C	3m	KFG-3-120-C1-11 L3M3R
		10 00 0	5m	KFG-3-120-C1-11 L5M3R
KFG-3-120-C1-11	Visual popular flat 2 using colons 1 6 / 10 for Cm an languary		1m	KFG-3-120-C1-11 L1M2R
16 23	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	−10 to 80°C	3m	KFG-3-120-C1-11 L3M2R
23 27		10 00 C	5m	KFG-3-120-C1-11 L5M2R
	Middle become a Quide with 1 40		1m	KFG-3-120-C1-11 R1M3
	Middle-temperature 3-wire cable L-12	-100	3m	KFG-3-120-C1-11 R3M3
		to 150°C	5m	KFG-3-120-C1-11 R5M3
			1m	KFG-3-120-C1-11 R1M2
	Middle-temperature 2-wire cable L-11	-100	3m	KFG-3-120-C1-11 R3M2
		to 150°C	5m	KFG-3-120-C1-11 R5M2
	3 polyester-coated copper wires 30cm	-196	30cm	KFG-3-120-C1-11 N30C3
	50cm·1m	to 150°C	50cm	KFG-3-120-C1-11 N50C3
			1m	KFG-3-120-C1-11 N1M3
	2 polyester-coated copper wires	-196	30cm	KFG-3-120-C1-11 N30C2
Uniaxial	30cm 50cm·1m	to 150°C	50cm	KFG-3-120-C1-11 N50C2
Base Size 7.4 x 2.8 mm	300III III		1m	KFG-3-120-C1-11 N1M2
Gage Length 3 mm Gage Resistance 120Ω	Silver-clad copper wires			
<ul><li>Gage Resistance 120Ω</li><li>Pieces per Pack 10</li></ul>		–196 to 150°C	25mm	KFG-3-120-C1-11
	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10	1m	KFG-2-120-C1-11 L1M3R
		to 80°C	3m	KFG-2-120-C1-11 L3M3R
VEC 0 100 C1 11			5m	KFG-2-120-C1-11 L5M3R
KFG-2-120-C1-11 16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)	40	1m	KFG-2-120-C1-11 L1M2R
23		-10 to 80°C	3m	KFG-2-120-C1-11 L3M2R
27			5m	KFG-2-120-C1-11 L5M2R
5	Middle-temperature 3-wire cable L-12		1m	KFG-2-120-C1-11 R1M3
		-100 to 150°C	3m	KFG-2-120-C1-11 R3M3
			5m	KFG-2-120-C1-11 R5M3
	Middle-temperature 2-wire cable L-11		1m	KFG-2-120-C1-11 R1M2
		−100 to 150°C	3m	KFG-2-120-C1-11 R3M2
			5m	KFG-2-120-C1-11 R5M2
	3 polyester-coated copper wires		30cm	KFG-2-120-C1-11 N30C3
	30cm	-196 to 150°C	50cm	KFG-2-120-C1-11 N50C3
	50cm·1m	10 100 0	1m	KFG-2-120-C1-11 N1M3
	2 polyester-coated copper wires		30cm	KFG-2-120-C1-11 N30C2
Uniaxial	2 polyester-coated copper wires 30cm	-196	50cm	KFG-2-120-C1-11 N50C2
Base Size 6.3 x 2.8 mm	50cm·1m	to 150°C	1m	
Gage Length 2 mm			1111	KFG-2-120-C1-11 N1M2
• Gage Resistance 120Ω	Silver-clad copper wires	-196	0.5	
		to 150°C	25mm	KFG-2-120-C1-11

Pattern		Leadwire Cable - Type and Shape	Operating Temp. Range	Leadwire Length	Model
		Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)		1m	KFG-2N-120-C1-11 L1M3F
				3m	KFG-2N-120-C1-11 L3M3F
KFG-2N-120	)-C1-11			5m	KFG-2N-120-C1-11 L5M3F
	16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-2N-120-C1-11 L1M2F
	23 27		-10 to 80°C	3m	KFG-2N-120-C1-11 L3M2F
				5m	KFG-2N-120-C1-11 L5M2F
		Middle-temperature 3-wire cable L-12		1m	KFG-2N-120-C1-11 R1M3
			-100 to 150°C	3m	KFG-2N-120-C1-11 R3M3
				5m	KFG-2N-120-C1-11 R5M3
	•	Middle-temperature 2-wire cable L-11		1m	KFG-2N-120-C1-11 R1M2
			−100 to 150°C	3m	KFG-2N-120-C1-11 R3M2
				5m	KFG-2N-120-C1-11 R5M2
	-	2 polyester-coated copper wires		30cm	KFG-2N-120-C1-11 N30C
	:		-196 to 150°C	50cm	KFG-2N-120-C1-11 N50C
Uniaxial				1m	KFG-2N-120-C1-11 N1M2
<ul> <li>Base Size</li> <li>Gage Length</li> <li>Gage Resistance</li> <li>Pieces per Pack</li> <li>5.3 x 1.4 mm</li> <li>2 mm</li> <li>120Ω</li> <li>10</li> </ul>	120Ω	Silver-clad copper wires	-196 to 150°C	25mm	KFG-2N-120-C1-11
		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
KFG-1-120-	C1-11			5m	KFG-1-120-C1-11 L5M3R
	16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-1-120-C1-11 L1M2R
	23 27		−10 to 80°C	3m	KFG-1-120-C1-11 L3M2R
				5m	KFG-1-120-C1-11 L5M2R
	-	Middle-temperature 3-wire cable L-12		1m	KFG-1-120-C1-11 R1M3
		International Property of the	−100 to 150°C	3m	KFG-1-120-C1-11 R3M3
				5m	KFG-1-120-C1-11 R5M3
		Middle-temperature 2-wire cable L-11		1m	KFG-1-120-C1-11 R1M2
			−100 to 150°C	3m	KFG-1-120-C1-11 R3M2
				5m	KFG-1-120-C1-11 R5M2
		2 polyester-coated copper wires		30cm	KFG-1-120-C1-11 N30C2
			-196 to 150°C	50cm	KFG-1-120-C1-11 N50C2
Uniaxial ●Base Size	10 v 0 1 mm	50cm·1m		1m	KFG-1-120-C1-11 N1M2
<ul><li>Gage Length</li><li>Gage Resistance</li></ul>	4.8 x 2.4 mm 1 mm 120Ω	Silver-clad copper wires	-196 to 150°C	25mm	KFG-1-120-C1-11
Pieces per Pack	10		1000		

€07 <b>= 1</b>		Range	Length	Model
<b>⊕ 3</b>	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)		1m	KFG-1N-120-C1-11 L1M3F
			3m	KFG-1N-120-C1-11 L3M3F
KFG-1N-120-C1-11	1		5m	KFG-1N-120-C1-11 L5M3F
16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-1N-120-C1-11 L1M2F
23 27		−10 to 80°C	3m	KFG-1N-120-C1-11 L3M2F
	1		5m	KFG-1N-120-C1-11 L5M2F
	Middle-temperature 3-wire cable L-12		1m	KFG-1N-120-C1-11 R1M3
		-100 to 150°C	3m	KFG-1N-120-C1-11 R3M3
			5m	KFG-1N-120-C1-11 R5M3
	Middle-temperature 2-wire cable L-11		1m	KFG-1N-120-C1-11 R1M2
		-100 to 150°C	3m	KFG-1N-120-C1-11 R3M2
	\\	10 100 0	5m	KFG-1N-120-C1-11 R5M2
-	2 polyester-coated copper wires		30cm	KFG-1N-120-C1-11 N30C
:	30cm	−196 to 150°C	50cm	KFG-1N-120-C1-11 N50C
Uniaxial	50cm·1m	10 100 0	1m	KFG-1N-120-C1-11 N1M2
<ul> <li>Base Size</li> <li>Gage Length</li> <li>Gage Resistance</li> <li>Pieces per Pack</li> <li>4.2 x 1.5 mm</li> <li>1 mm</li> <li>120Ω</li> <li>10</li> </ul>	Silver-clad copper wires	-196 to 150°C	25mm	KFG-1N-120-C1-11
	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)	-10 to 80°C	1m	KFG-03-120-C1-11 L1M3
			3m	KFG-03-120-C1-11 L3M3
KFG-03-120-C1-11			5m	KFG-03-120-C1-11 L5M3
16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-03-120-C1-11 L1M2
23 27	- Description of the latest and the	-10 to 80°C	3m	KFG-03-120-C1-11 L3M2
<u>-</u> .		10 00 0	5m	KFG-03-120-C1-11 L5M2
	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		1m	KFG-03-120-C1-11 R1M2
		-100 to 150°C	3m	KFG-03-120-C1-11 R3M2
			5m	KFG-03-120-C1-11 R5M2
	2 polyester-coated copper wires		30cm	KFG-03-120-C1-11 N30C
		−196 to 150°C	50cm	KFG-03-120-C1-11 N50C
Uniaxial :	50cm·1m	10 100 0	1m	KFG-03-120-C1-11 N1M2
<ul> <li>Base Size 3.5 x 2.4 mm</li> <li>Gage Length 0.3 mm</li> <li>Gage Resistance 120Ω</li> <li>Pieces per Pack 10</li> </ul>	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
	Vinyl-coated flat 3-wire cable L-7 (L-10 for 6m or longer)		1m	KFG-02-120-C1-11 L1M3R
102		−10 to 80°C	3m	KFG-02-120-C1-11 L3M3R
KFG-02-120-C1-11			5m	KFG-02-120-C1-11 L5M3R
16	Vinyl-coated flat 2-wire cable L-6 (L-9 for 6m or longer)		1m	KFG-02-120-C1-11 L1M2R
23 27		−10 to 80°C	3m	KFG-02-120-C1-11 L3M2R
			5m	KFG-02-120-C1-11 L5M2R
	Middle-temperature 3-wire cable L-12		1m	KFG-02-120-C1-11 R1M3
	Middle-temperature 2-wire cable L-11	-100 to 150°C	3m	KFG-02-120-C1-11 R3M3
			5m	KFG-02-120-C1-11 R5M3
		–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
	2 polyester-coated copper wires		30cm	KFG-02-120-C1-11 N30C2
		−196 to 150°C	50cm	KFG-02-120-C1-11 N50C2
Uniaxial	50cm·1m		1m	KFG-02-120-C1-11 N1M2
● Base Size 3.3 x 2.4 mm  ● Gage Length 0.2 mm				
• Gage Resistance 120Ω	Silver-clad copper wires	-196		
Pieces per Pack 10		to 150°C	25mm	KFG-02-120-C1-11