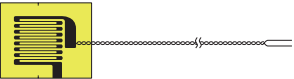
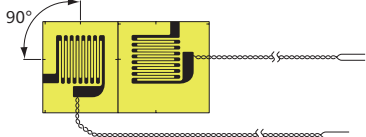
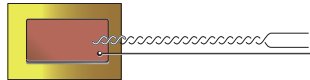
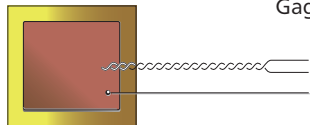


# Non-magneto-resistive Strain Gages KFN & KFS

Patterns, Gage Resistance, Gage Factor	Models	Dimensions (mm)				Remarks																																																																																						
		Grid		Base																																																																																								
		Length	Width	Length	Width																																																																																							
<p><b>●KFN Series Non-inductive Foil Strain Gages</b></p> <p>The gage element is made of a special alloy which provides less magneto-resistant effect; also, the shape is designed to eliminate induction. Thus, the KFN series foil strain gages allow the strain to be measured accurately under AC magnetic environments.</p> <p><b>Applicable Adhesive and Operating Temperature Range after Curing</b></p> <table border="1"> <tr> <th>Adhesives</th> <th>Operating Temp. after Gluing the Gages</th> </tr> <tr> <td>PC-600</td> <td>-196 to 150°C</td> </tr> <tr> <td>CC-33A</td> <td>-196 to 120°C</td> </tr> </table> <p><b>■Types, lengths and codes of lead-wire cables pre-attached to KFN gages</b></p> <table border="1"> <tr> <th rowspan="2">Types</th> <th colspan="4">Vinyl-coated low-noise 3-wire cable</th> </tr> <tr> <th colspan="4">C9, D20</th> </tr> <tr> <th>Length</th> <td colspan="4"></td> </tr> <tr> <td>15 cm</td> <td colspan="4">J15C3</td> </tr> <tr> <td>30 cm</td> <td colspan="4">J30C3</td> </tr> <tr> <td>1 m</td> <td colspan="4">J1M3</td> </tr> <tr> <td>3 m</td> <td colspan="4">J3M3</td> </tr> <tr> <td>5 m</td> <td colspan="4">J5M3</td> </tr> <tr> <td>Operating temp.</td> <td colspan="4">-10 to 80°C</td> </tr> <tr> <td>Remarks</td> <td colspan="4">L-13</td> </tr> </table> <p><b>* For other lead-wire cable lengths, contact us.</b></p> <table border="1"> <tr> <td>KFN-5-350-C9-11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>KFN-5-350-C9-16</td> <td>5</td> <td>6.6</td> <td>12</td> <td>10</td> <td></td> </tr> <tr> <td>KFN-5-350-C9-23</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>KFN-2-350-C9-11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>KFN-2-350-C9-16</td> <td>2</td> <td>3.5</td> <td>6</td> <td>5</td> <td></td> </tr> <tr> <td>KFN-2-350-C9-23</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Adhesives	Operating Temp. after Gluing the Gages	PC-600	-196 to 150°C	CC-33A	-196 to 120°C	Types	Vinyl-coated low-noise 3-wire cable				C9, D20				Length					15 cm	J15C3				30 cm	J30C3				1 m	J1M3				3 m	J3M3				5 m	J5M3				Operating temp.	-10 to 80°C				Remarks	L-13				KFN-5-350-C9-11						KFN-5-350-C9-16	5	6.6	12	10		KFN-5-350-C9-23						KFN-2-350-C9-11						KFN-2-350-C9-16	2	3.5	6	5		KFN-2-350-C9-23						<p><b>Uniaxial 350Ω gages</b> Resistance: 350 Ω Gage factor: Approx. 2.0</p> 
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<p><b>●KFS Series Shielded Foil Strain Gages</b></p> <p>The KFS series foil strain gages are shielded by the copper foil covering the whole body. Thus, if a large current flows to or around the gage bonding site, noise is prevented from entering the measuring circuit.</p> <p><b>Applicable Adhesive and Operating Temperature Range after Curing</b></p> <table border="1"> <tr> <th>Adhesives</th> <th>Operating Temp. after Gluing the Gages</th> </tr> <tr> <td>PC-600</td> <td>-196 to 150°C</td> </tr> <tr> <td>CC-33A</td> <td>-196 to 120°C</td> </tr> <tr> <td>EP-340</td> <td>-55 to 150°C</td> </tr> </table> <p><b>■Types, lengths and codes of lead-wire cables pre-attached to KFS gages</b></p> <table border="1"> <tr> <th rowspan="2">Types</th> <th colspan="4">Vinyl-coated low-noise 3-wire cable</th> </tr> <tr> <th colspan="4">J1</th> </tr> <tr> <th>Length</th> <td colspan="4"></td> </tr> <tr> <td>15 cm</td> <td colspan="4">J15C3</td> </tr> <tr> <td>30 cm</td> <td colspan="4">J30C3</td> </tr> <tr> <td>1 m</td> <td colspan="4">J1M3</td> </tr> <tr> <td>3 m</td> <td colspan="4">J3M3</td> </tr> <tr> <td>5 m</td> <td colspan="4">J5M3</td> </tr> <tr> <td>Operating temp.</td> <td colspan="4">-10 to 80°C</td> </tr> <tr> <td>Remarks</td> <td colspan="4">L-13</td> </tr> </table> <p><b>* For other lead-wire cable lengths, contact us.</b></p> <table border="1"> <tr> <td>KFS-5-120-J1-11</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>KFS-5-120-J1-16</td> <td>5</td> <td>1.4</td> <td>15</td> <td>10</td> <td>Polyester-coated copper lead wires Shield wire 25 mm long</td> </tr> <tr> <td>KFS-5-120-J1-23</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>	Adhesives	Operating Temp. after Gluing the Gages	PC-600	-196 to 150°C	CC-33A	-196 to 120°C	EP-340	-55 to 150°C	Types	Vinyl-coated low-noise 3-wire cable				J1				Length					15 cm	J15C3				30 cm	J30C3				1 m	J1M3				3 m	J3M3				5 m	J5M3				Operating temp.	-10 to 80°C				Remarks	L-13				KFS-5-120-J1-11						KFS-5-120-J1-16	5	1.4	15	10	Polyester-coated copper lead wires Shield wire 25 mm long	KFS-5-120-J1-23						<p><b>Uniaxial</b> Resistance: 120 Ω Gage factor: Approx. 2.1</p> 																
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