



## Series "CF"



## Description

Compatible adhesive & Operational temperature EA-2A: - 269~ + 50°C CN: - 196~ + 80°C C-1: - 269~ + 80°C

Operational temperature -269~+80°C
Temperature compensation range approximately -196~+80°C

CRYOGENIC TEMPERATURE USE						
Gauge pattern		Туре	Gauge size L W	Backing L W	Resistance in $\Omega$	
This is a foil gauge having an epoxy resin backing. The sensing element is made of special alloy. The gauge enables stable strain measurement in a cryogenic temperature as well as in a room temperature.			L:length W	: width (Unit :	: mm)	
Single-element (G.F. 2.1 approx.)  CFLA-1-350  (x3)  CFLA-6-350  90° 2-element Cross (G.F. 2.1 approx.)  Plane type	Single- element 350Ω	CFLA-1-350-11 -17 -23	1 1.6	5.4 3.2	350	
		CFLA-3-350-11 -17 -23	3 1.7	8.8 3.5	350	
		CFLA-6-350-11 -17 -23	6 2.2	12.5 4.3	350	
CFCA-1-350  45°/90°3-element Rosette (G.F. 2.1 approx.)  Plane type  CFRA-1-350  Each package contains 10 gauges.	90° 2-element Cross, Planetype 350Ω	CFCA-1-350-11 -17 -23	1 1.3	7.2 7.2	350	
		CFCA-3-350-11 -17 -23	3 1.7	11.0 11.0	350	
	45° /90° 3-element Rosette, Plane type 350Ω	CFRA-1-350-11 -17 -23	1 1.3	7.2 7.2	350	
		CFRA-3-350-11 -17 -23	3 1.7	11.0 11.0	350	

## Leadwire-integrated CF series (made-to-order)

Operational temperature range varies with different materials of lead wire outer sheath. Before use, be sure of the temperature range of lead wire.

Lead wires	Operational temperature range	Gauge type example	Colors of Lead wire	
3-wire strand FEP sheath wire	-269~+200°C	6F: CFLA-1-350-11-6FA-3LT	Red-Green-Blue (7-core 0.18mm-dia.)	
		6F: CFLA-1-350-11-6FB-3LT	Red-Green-Blue (Single-core 0.2mm-dia.)	

\* Red is independent wire.

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The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification.

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