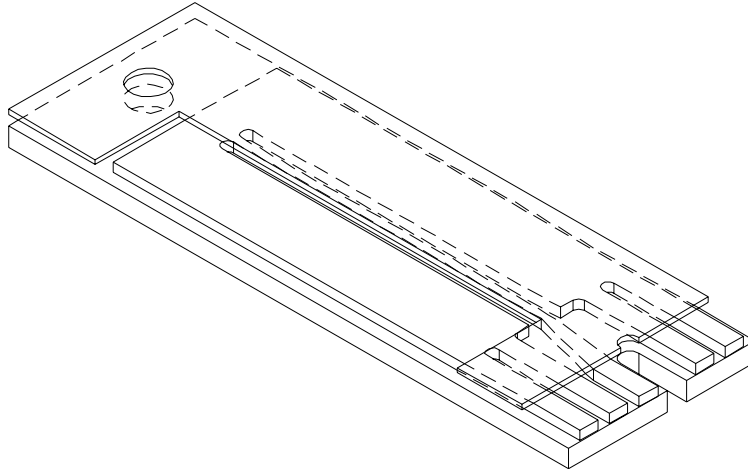


# Model ER0250

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## Atmospheric Probe



**Model ER0250** is a probe used to monitor corrosion in atmospheric environments. The probe consists of an element which is mounted onto an epoxy board. One side of the element is exposed to the corrosive environment while the other side is covered, acting as a reference element. The ER0250 connects to a special cable that allows it to be used with electrical resistance probe instrumentation. Replacement elements may be ordered without cable. The probe comes with a 3/16" hole for easy mounting.

### Specifications:

**Probe Body** - Epoxy

**Temperature Rating** - 250°F / 121°C

**Standard Element Sizes** - 4 or 8 mils (useful range is half of thickness)

## ER0250 Ordering Information

Model				
AP21	Atmospheric Probe			
	Element Thickness			
	04	4 mil thickness (2 mil useful probe life)		
	08	8 mil thickness (4 mil useful probe life)		
	Element Alloy			
	XXX	Use Code in Alloy Chart		
	Cable Length			
	00	No Cable		
	10	10 ft. cable		
	20	20 ft. cable		
<b>AP21</b>	<b>08</b>	<b>375</b>	<b>20</b>	<b>Example of Probe Ordering #</b>

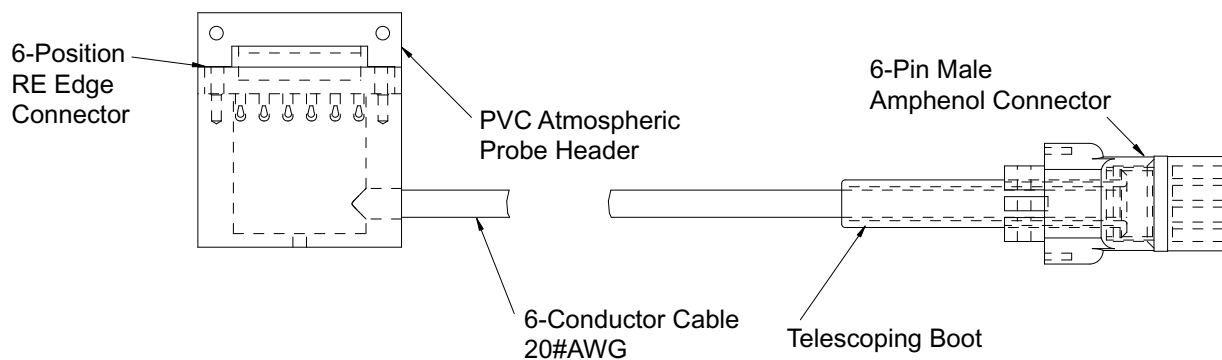
For alloys, sizes, or other special requirements not listed, contact our sales department.

Alloy Chart					
Code	Description	UNS #	Code	Description	UNS #
375	Carbon Steel *	G10100	159	316L SS	S31603
538	5Cr 1/2Mo	K42544	A12	C276	N10276
541	9Cr 1Mo	K90941	602	Alloy 625	N06625
186	410 SS	S41000	419	CDA110	C11000
141	304 SS	S30400	434	CDA443	C44300

Note: Not all alloys are available with all element types and seals.

\* Chemically equivalent to standard pipe-grade carbon steels.

### Atmospheric Probe Extension Cable Assembly



Part # : PS5602XXX

where XXX = length in feet (Ex: 020 = 20 feet)