

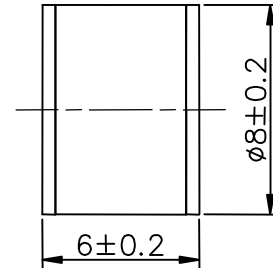
## 2-Electrode Gas Tube Arrester

UN2E8-90M

φ8×6

10KA

### Dimension



Unit:mm

Nickel-plated

Electrical Specifications			Applications
DC Spark-over Voltage at 100V/S	90±20%	V	
Impulse Spark-over Voltage			
at 100V/μs	<450	V	
at 1KV/μs	<600	V	
Life:			
Impulse Discharge current 8/20μs (±5 times)	10	KA	
10/1000μs (300 times)	100	A	
AC Discharge current (1S,5times interval 3 minutes)	10	A	
Insulation resistance at DC 50V	>1000	MΩ	
Electrode Capacitance at 1MHz	<1.5	pF	
Arc Voltage at 1A	~25	V	<b>Feature</b> <ul style="list-style-type: none"> <li>u Non-Radioactive</li> <li>u RoHS Compliant</li> <li>u LOW Capacitance</li> <li>u High insulation resistance</li> <li>u Fast response-time</li> <li>u Small size</li> </ul>
Glow Voltage at 1mA	~60	V	
Holdover Voltage at 100mA, <150mS	52	V	
Weight	~1.3	g	
Operation and storage Temperature	-40~+90	°C	
Marking, Black	<b>UNION 90M-YY</b> 90 -Nominal voltage M -10KA YY -Year of production		

### Notes:

1. Terms in accordance with ITU-T K.12 and GB/T 9043-2008
2. At delivery AQL 0.65 level II , DIN ISO 2859
3. After life test:  
 DC Spark-over Voltage at 100V/S : 90±30%  
 Impulse Spark-over Voltage at 1KV/μs<700V