



2R Ceramic Surge Arresters

SPECIFICATION

Changzhou Wujin Jiangnan Discharge Tube Co.,Ltd

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• **Electrical Characteristics**
2R90A5L(20)

Type:

DC spark-over voltage ^{1) 2)}	90 ±20	V %
Impulse spark-over voltage at 100V/μs - for 99% of measured values -typical values of distribution at 1 kV/μs - for 99% of measured values - typical values of distribution	<500 <450 <600 <550	V V V V
Nominal impulse discharge current (wave 8/20 μs)	20	kA
Single impulse discharge current (wave 8/20 μs)	25	kA
Single impulse discharge current (wave 10/350 μs)	5	kA
Nominal alternating discharge current (50 Hz, 1 s)	20	A
Alternating discharge current (50 Hz, 9 cycles)	100	A
Insulation resistance at 50 Vdc	>10	GΩ
Capacitance at 1 MHz	<1.5	pF
Arc voltage at 1 A	~10	V
Glow to arc transition current	~0.5	A
Glow voltage	~60	V
Weight	~1.5	g
Operation and storage temperature	-40...+125	°C
Marking, red	2R90 20 2R -Two Electrode 90 -Nominal voltage 20 -Impulse discharge current	

Dimensional drawing

