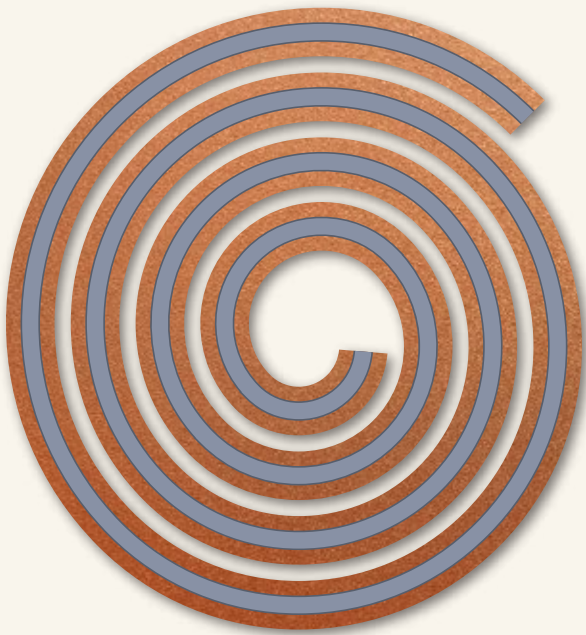


# Split Trace Thin Film Fractional Resistor

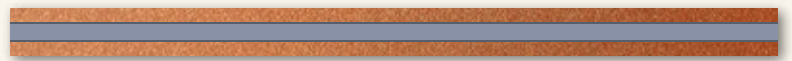
**Ultra Low Ohmic Value Resistors** A patent pending design approach to creating ultra low ohm ( $<1\Omega$ ) resistor values.



**Image 1**

Split Trace Spiral 0.004 Rs

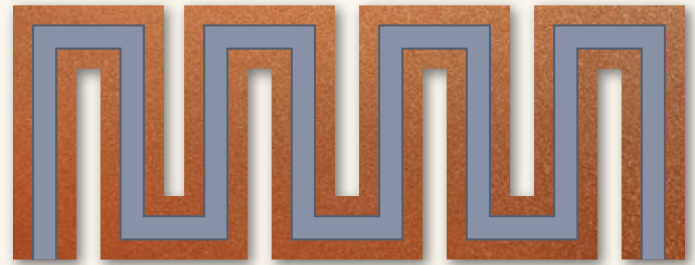
Example:  $0.004 R_s * 10 \text{ ohms/square} = 0.04 \text{ ohms}$



**Image 2**

Split Trace 0.02Rs

Example:  $0.02R_s * 10 \text{ ohms/square} = 0.2 \text{ ohms}$



**Image 3**

Split Trace Meander 0.01Rs

Example:  $0.01R_s * 10 \text{ ohms/square} = 0.1 \text{ ohms}$

## Applications

- Current Sensing
- Very low value resistors