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# Chapter 1

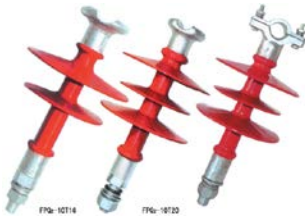
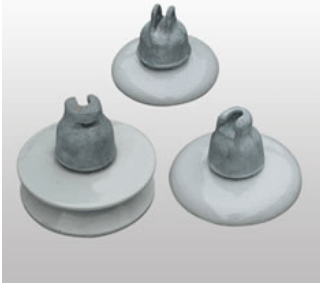
## Composite Insulator Definition

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1.5 Composite Insulator VS ceramic insulator

**By Orient Power**

# Composite Insulator VS ceramic insulator



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Nowadays, composite insulator gradually replaces the traditional ceramic and glass insulator.

## The development of composite insulator

### ◆ Why do more and more countries use the composite insulator?

1. Insulator market in China has been towards product diversification path.
2. Ceramic insulator is losing its dominant position because of its pollution flashover accident and inferior quality
3. Composite insulator has better performance than ceramic insulator, such as light weight, easy transport.
4. It is important that composite insulator can reduce costs.

### ◆ Composite Insulator advantage compared to ceramic

1. Light weight, easy to install and transport
2. Better performance in high contamination areas
3. Consistent mechanical and electrical performance
4. throughout entire service life
5. Excellent impact resistance
6. Good resistance to soiling and flashover
7. Good shock resistance collision resist

If you want to learn more about composite insulator knowledge, please visit Orient Power website.