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Chapter 1

Composite Insulator Definition

1.6 Types of composite insulator

By Orient Power

Types of composite insulator



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Types of composite insulator

These types of composite insulator in the following mainly consist of silicone rubber housing and sheds, fiberglass core rod and metal end fittings.

Main types of composite insulator:

- ✚ Composite pin type insulators for 6KV~36KV distribution line applications
- ✚ Composite suspension & tension insulators for 10KV~1000KV high voltage transmission and distribution line applications
- ✚ Composite long rod insulators for LV & MV & HV power system
- ✚ Composite deadend insulators for 10KV~69KV overhead line of electrical power system
- ✚ Composite crossarm insulators for 15KV ~ 132KV overhead lines of urban power network reconstruction, narrow corridors for boost power transmission and narrow streets
- ✚ Composite line post insulators for 10KV~132KV high voltage overhead lines
- ✚ Composite hollow bushing insulators for electrical apparatus
- ✚ Composite station post insulators used on substation and power plants
- ✚ Composite guy strain insulators for stay wire
- ✚ Composite insulators suspension type & post type for electrified railway applications