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Chapter 2

Line Post Insulator Properties

2.3 Capped line post insulator

By Orient Power

Capped line post insulator



Capped and capless insulator



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Line post insulator cap types:

- Capped line post insulator
- Capless line post insulator

What is capped insulator?

Capped means the line post insulator is assembled with iron cap, the cap is cemented with the porcelain part.

The usage of the insulator cap:

- Connection with crossarm
- Transfer the mechanical strength

Advantage of capped line post insulator:

High mechanical strength:

10KN, 12.5KN, 16KN, 18KN

Material of the end cap:

HDG Iron

Hot dip galvanized finish

Thread types:

- M20, M22,
- ANSI thread

Stud matched:

- Short stud
- Long stud

More information about capless line post insulator is in another article.