



Copper-Bonded Ground Rod-Standard Type

Copper-Bonded Ground Rod is made by molecularly bonding pure electrolytic copper onto a low carbon, high tensile steel core with exceeding 0.254 mm (254 micron) thick. To ensure in safety and quality, it meets standard for grounding and bonding equipments.



Copper-Bonded Ground Rod-Threaded Type

Copper-Bonded Ground Rod is made by molecularly bonding pure electrolytic copper onto a low carbon, high tensile steel core with exceeding 0.254 mm (254 micron) thick. To ensure in safety and quality, it meets UL standard for grounding and bonding equipments.



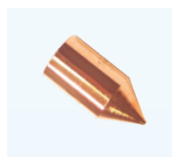
Coupling

Tested: IEC 62561-2
Application: Extend to the length of ground rod
Material: High Strength silicon Bronze



Driving Head

Tested: IEC 62561-2
Application: Protect the of ground rod while driving
Material: High Tensile Steel



Tip

Application: Lead the ground rod into the hard soil area
Material: High Tensile Steel



Ground Rod Solid Copper/ Stainless Steel

Solid Copper and Stainless steel Ground Rods are used in Critical soil application which has a pH value below 3 or more 8.



Electrolytic Grounding (KEG)

Electrolytic Grounding is made of 54 mm (2-1/8") OD diameter or type K copper pipe which natural chemical electrolytic salt can be refilled. Exothermic welding is used for connecting conductor to the copper pipe.



More Effective Grounding (MEG)

Kumwell MEG is an alternate solution for Effectively by modifying the soil surrounding the electrode. In practically, to achieve the desired reduction in ground resistance by adding more grid conductors or ground rods is often impossible. Soil Treatment is an effective solution to decrease ground resistance which is utilized to an advantage in poor conductive area such as rocky soil.



Rod Copper Tape Clamp

Tested: IEC 62561-1
Application: Clamp ground rod with copper tape conductor
Material: Copper Alloy - BS EN 1982 Bolt-Brass





Rod Cable Clamp

Tested: IEC 62561-1
Application: Clamp ground rod with copper conductor
Material: Copper Alloy - BS EN 1982 Bolt-Brass



Rod To Cable Lug Clamp

Tested: IEC 62561-1
Application: Clamp rod to cable lug conductor
Material: Copper Alloy - BS EN 1982 Bolt, Nut-Brass



U Bolt Rod Clamp

Tested: IEC 62561-1
Application: Clamp rod parallel to copper tape conductor
Material: Copper Alloy - BS EN 1982 U Bolt, Nut-Brass



Pipe to Cable Clamp

Tested: IEC 62561-1
Application: Clamp pipe parallel to one cable
Material: Copper Alloy - BS EN 1982 U Bolt, Nut-Brass



One Cable to Pipe Clamp

Tested: IEC 62561-1
Application: Clamp cable conductors to steel pipe
Material: Copper Alloy - BS EN 1982 U Bolt, Nut-Brass



Pipe Bond Clamp

Tested: IEC 62561-1
Application: Clamp Solid copper conductor to large metal pipe
Material: Copper Alloy - BS EN 1982 Copper Tape - BS EN 13601 Bolt, Nut-Brass



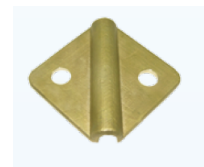
Tape Clamp

Tested: IEC 62561-1
Application: Fix copper tape conductor with steel flat surface
Material: Copper Alloy - BS EN 1982, Bolt/Nut:Brass Aluminium Alloy -BS EN 2898, Bolt/Nut: Stainless Steel



Ground Clamp

Tested: IEC 62561-4
Application: Lock wire or cable conductor on flat surface
Material: Copper Alloy - BS EN 1982 Aluminium Alloy -BS 2898



Front Cover

Application: Fix conductor on earth point
Material: Copper Alloy - BS EN 1982



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Flat Saddle

Tested: IEC 62561-1

Application: Support air terminal to connect with copper stranded, solid or tape conductors.

Material: Copper Alloy - BS EN 1982



Ridge Saddle

Tested: IEC 62561-1

Application: Support air terminal to connect with copper stranded, solid or tape conductors.

Material: Copper Alloy - BS EN 1982



Double Base Saddle

Tested: IEC 62561-1

Application: Support air terminal to connect with copper stranded, or solid conductors.

Material: Copper Alloy - BS EN 1982, Bolt-Brass



Cable Support

Tested: IEC 62561-4

Application: Fix copper stranded or solid conductors

Material: Copper Alloy - BS EN 1982, Bolt-Brass
Aluminium Alloy - BS 2898,
Bolt-Stainless Steel



Cable Cross Clamp

Tested: IEC 62561-1

Application: Connect copper stranded or solid conductors

Material: Copper Alloy - BS EN 1982, Bolt-Brass
Aluminium Alloy - BS 2898, Bolt-
Stainless Steel



Tape Support

Tested: IEC 62561-4

Application: Fix copper or aluminium tape conductors

Material: Copper Alloy - BS EN 1982,
Bolt-Brass Aluminium Alloy-BS
2898, Bolt-Stainless Steel



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