

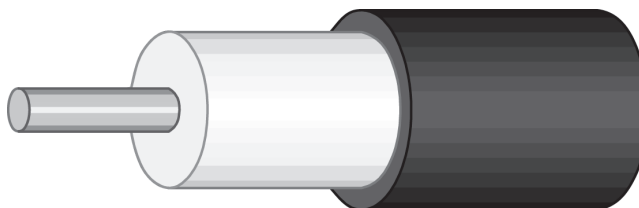
GW04, GW02 Insulated Ground Wire

Description:

Hendrix insulated ground wire consists of a copper conductor, an inner layer of unfilled high molecular weight polyethylene and an outer layer of proprietary black, track and ultraviolet resistant, high density polyethylene. The covering thickness is dependent on the BIL requirements of the transmission line on which the insulated ground wire is to be installed.

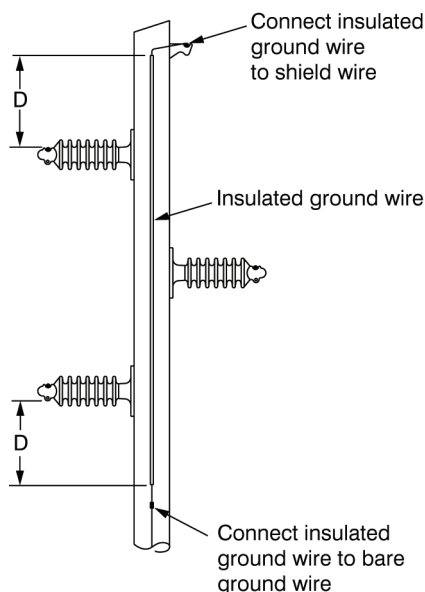
Benefits:

- Eliminates expensive “outriggers” required by bare grounds
- Provides a neater pole
- Makes pole climbing and maintenance easier
- Available with pre-stripped ends facilitate rapid installation



Application:

Hendrix insulated ground wire is used on wood pole transmission lines where a bare ground wire has insufficient BIL to meet system requirements. The insulating covering on the ground wire provides impulse withstand sufficient to meet the BIL requirements when the ground wire is stapled to the pole. The ground wire should extend above and below the phase conductors as shown in the table below. Specify insulated length required plus one foot for stripping (see packaging note).



Packaging: Furnished in master reel quantities, straight lengths or coils with both ends stripped back 6.0” unless otherwise specified.

Catalog Number	System BIL (kV)	Conductor	Cable Diameter (inches)	Insulation Thickness, Inner (in)	Insulation Thickness, Outer (in)	Weight (lb/ft)	Minimum Insulation distance “D” above top and below bottom phases (in)	Average impulse withstand strength (kV)
GW04CU350	350	#4 AWG Solid Copper	.804	0.150	0.150	0.322	36	450
GW02CU550	550	#2 AWG Solid Copper	1.158	0.325	0.125	0.623	72	600