

THE FACTORS

1. Standard Calculation for Determining VD of a Circuit

- ❖ This is where you know the Amps/Type&Size/Length but NOT VD
- ❖ $VD = 2xKxIxL/CM$ This is for Single Phase Circuits
- ❖ $VD = 1.732xKxIxL/CM$ This is for Three Phase Circuits
- ❖ This method is used when you want to determine the Value of VD
- ❖ Note: 2 or 1.732 is a circuit multiplier for 1PH or 3PH
 - K is the Constant of 12.9 CU, or 21.2 AL
 - I is the Ampacity applied to a circuit
 - L is the ONE-WAY length in Feet of a circuit