

ELECTRICAL PROPERTIES

1. Rated Voltage	46kV
2. Critical Impulse Flashover Voltage (Pos.+)	280kV
3. Low Frequency Withstand Voltage (wet)	100kV
4. Impulse Withstand Voltage (BIL)	250kV
5. Radio Influence Voltage Data	
Test Voltage to Ground	30kV
Max. RIV at 1000kHz	200µV

PHYSICAL PROPERTIES

1. Dry Arc Distance	20.9"(531mm)
2. Min Creepage Distance	55.6"(1411mm)
3. Shed spacing	1.18"(30mm)
4. Weight	15.2lbs(6.9kg)


MECHANICAL PROPERTIES

1. Specified Cantilever Load(SCL)	2000lbs(8.9kN)
2. Specified Mechanical Tensile Load(SML)	16000lbs(71kN)
3. Specified Torsion Load(SToI)	12000in.lbs(1.4kN.m)
4. Specified Compression Load(SCoI)	10000lbs(44kN)
5. Deflection at 800Lbs(3.6kN) cantilever strength	0.7" (18mm)

According to Standard: ANSI C29.9

Top & Bottom View

4 TAPPED HOLES
1/2"-13UNC-0.015"O/S
ON 3"B.C.D (Ø76mm)

3	Core rod	Glass fiber reinforced epoxy resin	1	
2	Weather sheds	Silicone rubber	1	Color:Grey
1.4	Flange	Galvanized steel	2	
ITEM NO	DESCRIPTION	MATERIALS	QTY	REMARK
		Title Post Type insulator Polymer TR214		Drawing No. VP080250SG3
				REV 0
VANGUARD ELECTRIC ,LLC				