

**ELECTRICAL PROPERTIES**

1. Rated Voltage	69kV
2. Critical Impulse Flashover Voltage (Pos.+)	390kV
3. Low Frequency Withstand Voltage (wet)	145kV
4. Impulse Withstand Voltage (BIL)	350kV
5. Radio Influence Voltage Data	
Test Voltage to Ground	44kV
Max. RIV at 1000kHz	200µV

**PHYSICAL PROPERTIES**

1. Dry Arc Distance	28.1" (715mm)
2. Min Creepage Distance	77" (1956mm)
3. Shed spacing	1.18" (30mm)
4. Weight	18.5lbs (8.4kg)


**MECHANICAL PROPERTIES**

1. Specified Cantilever Load (SCL)	1500lbs (6.7kN)
2. Specified Mechanical Tensile Load (SML)	16000lbs (71kN)
3. Specified Torsion Load (STol)	12000in. lbs (1.4kN.m)
4. Specified Compression Load (SCol)	7500lbs (33kN)
5. Deflection at 600Lbs (2.7kN) cantilever strength	1.5" (38mm)

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		Drawing No.
		Post Type insulator Polymer TR216		VP060350SG3
		REV		Approved
		0		S.N.04/16/21
<b>VANGUARD ELECTRIC ,LLC</b>				