

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	25" (636mm)
2. Min Creepage Distance	80" (2030mm)
3. Shed spacing	3" (75mm)
4. Weight	53lbs (24kg)

MECHANICAL PROPERTIES

1. Specified Cantilever Load (SCL)	10000lbs (44.5kN)
2. Specified Mechanical Tensile Load (SML)	25500lbs (113kN)
3. Specified Torsion Load (SToI)	54000in. lbs (6.1kN.m)
4. Specified Compression Load (SCoI)	100000lbs (445kN)
5. Deflection at 1200lbs (5.3kN) cantilever strength	0.2" (5mm)

According to Standard: ANSI C29.9

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 TR278		VP440350SG3
		REV	Approved	
		0	S.N.04/16/21	
VANGUARD ELECTRIC ,LLC				