

ELECTRICAL PROPERTIES

1.Rated Voltage	15kV
2.Critical Impulse Flashover Voltage (Pos,+)	125kV
3.Low Frequency Withstand Voltage (wet)	45kV
4.Impulse Withstand Voltage (BIL)	110kV
5.Radio Influence Voltage Data	
Test Voltage to Ground	10kV
Max. RIV at 1000kHz	50µV


PHYSICAL PROPERTIES

1.Dry Arc Distance	8.9"(225mm)
2.Min Creepage Distance	20.9"(530mm)
3.Shed spacing	1.18"(30mm)
4.Weight	10.8lbs(4.9kg)

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	0.1" (3mm)

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 TR205-SPECIAL		VP0801101G3
		REV		Approved
		0		S.N.04/16/21
VANGUARD ELECTRIC ,LLC				