

ELECTRICAL PROPERTIES

1. Rated Voltage		7.5kV
2. Critical Impulse Flashover Voltage (Pos.+)		105kV
3. Low Frequency Withstand Voltage (wet)		30kV
4. Impulse Withstand Voltage (BIL)		95kV
5. Radio Influence Voltage Data		
Test Voltage to Ground		5kV
Max. RIV at 1000kHz		50µV


PHYSICAL PROPERTIES

1. Dry Arc Distance	6.1"(154mm)
2. Min Creepage Distance	12.7"(322mm)
3. Shed spacing	1.18"(30mm)
4. Weight	9.6lbs(4.3kg)

MECHANICAL PROPERTIES

1. Specified Cantilever Load(SCL)	2000lbs(8.9kN)
2. Specified Mechanical Tensile Load(SML)	16000lbs(71kN)
3. Specified Torsion Load(STol)	12000in.lbs(1.4kN.m)
4. Specified Compression Load(SCol)	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 TR202		VP080095SG3
		REV	Approved	
		0	S.N.04/16/21	
VANGUARD ELECTRIC ,LLC				