

MPS Catalog Number:

S6 40 82 067 VA SS 018

Date:

02/28/2014

**END FITTINGS**

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8)

**MATERIAL**

Corona Ring (Tower):

None

Corona Ring (Line):

8" Corona Ring

Corona Rings are recommended for applications of 230 kV and above

Number of Sheds:

18 standard

Rod Diameter:

18 mm

Weight Estimate:

14.8 lbs

6.7 kg

**DIMENSIONAL VALUES**

Section Length (L):

80.4 in

2,042 mm

Rubber Length (X):

67 in

1,702 mm

Standard Shed Height (P):

2.2 in

55 mm

Shed Spacing (S):

4.29 in

109 mm

Dry Arc Distance:

67.2 in

1,707 mm

Leakage Distance:

135.6 in

3,444 mm

**ELECTRICAL VALUES**

60 Hz Dry Flashover:

654 kV

Min. Withstand:

597 kV

60 Hz Wet Flashover:

571 kV

Min. Withstand:

497 kV

Pos. Critical Impulse Flashover:

1,101 kV

Min. Withstand:

971 kV

Neg. Critical Impulse Flashover:

1,157 kV

Min. Withstand:

1,001 kV

**MECHANICAL VALUES**

Specified Mech. Load (SML):

36,000 lbs

160.1 kN

Routine Test Load (RTL):

18,000 lbs

80.1 kN

