

MPS Catalog Number:

S2 40 80 055 VA SS 025

Date:

02/24/2014

END FITTINGS

Tower End Fitting:

Y-Clevis

Line End Fitting:

Ball (ANSI 52-8/11)

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:

25 standard

Rod Diameter:

24 mm

Weight Estimate:

20.8 lbs

9.4 kg

DIMENSIONAL VALUES

Section Length (L):

69.6 in

1,768 mm

Rubber Length (X):

55 in

1,397 mm

Standard Shed Height (P):

2.1 in

54 mm

Shed Spacing (S):

2.29 in

58 mm

Dry Arc Distance:

55.2 in

1,402 mm

Leakage Distance:

150.7 in

3,828 mm

ELECTRICAL VALUES

60 Hz Dry Flashover:

540 kV

Min. Withstand:

497 kV

60 Hz Wet Flashover:

479 kV

Min. Withstand:

417 kV

Pos. Critical Impulse Flashover:

919 kV

Min. Withstand:

803 kV

Neg. Critical Impulse Flashover:

970 kV

Min. Withstand:

833 kV

MECHANICAL VALUES

Specified Mech. Load (SML):

50,000 lbs

222.4 kN

Routine Test Load (RTL):

25,000 lbs

111.2 kN

