

## TYPE

**BIL 1800 kV**

BIL		1800 kV			
Style	TAPERED				
	HIGH STRENGTH			HIGH LEAKAGE	
Catalog Number	1800 ST	1800 HT	1800 YT	1800 STP	1800 ETP
ANSI Technical Reference	TR391				
Non ANSI Description	1800-1400	1800-1750	1800-3500	1800-1400	1800-2500
<b>Dimensions</b>					
Leakage Distance (in)	340	346	337	450	371
Height (in)	152	152	152	152	152
Max Shed Diameter (in)	8.8	10.1	11	9.8	10.5
Top BCD (in)	5	5	5	5	5
Diameter Dt (in)	6.2	6.2	6.3	6.2	6.3
Bottom BCD (in)	7	14	14	7	14
Diameter Db (in)	8.7	15.7	15.4	8.7	15.7
<b>Mechanical Values</b>					
Cantilever Strength, Upright, Pounds	1400	1750	3500	1400	2500
Tensile Strength, Pounds	20000	20000	35000	20000	25000
Torsion Strength, Inch-Pounds	40000	60000	133000	60000	90000
Compression Strength, Pounds	60000	60000	150000	60000	90000
<b>Electrical Values</b>					
Impulse Flashover, Positive, kV	2000	2000	2000	2000	2000
Low Frequency Withstand, 10 Sec. Wet, kV	710	710	710	710	710
Impulse Withstand, kV	1800	1800	1800	1800	1800
<b>Radio Influence Voltage Data</b>					
Test Voltage, Rms to Ground, kV	318	318	318	318	318
Maximum RIV, Microvolts at 1000kHz	2000	2000	2000	2000	2000
<b>Weight</b>					
Approximate Net Weight, Pounds	510	651	911	585	741

S = Standard Strength    U = Uniform, Upright and Underhung    P = Pollution/High Leakage    BCD = Bolt Circle Diameter  
 H = High Strength    T = Tapered, Upright Only    Y = Higher Cantilever Option    Dt = Diameter Top Fitting  
 E = Extra High Strength    V = Inverted    Z = Higher Cantilever Option    Db = Diameter Bottom Fitting

