



**Reference NAA 100 XH 16 S**

Dimensions acc. to ANSI C29.11 & Fig. 1 ANSI C29.9

- Number of sheds	16	
- Insulator height	H = 30.0 "	[ 762 mm ]
- Arcing distance	26.8 "	[ 682 mm ]
- Leakage distance, min.	72.0 "	[ 1829 mm ]
- Approximate weight	38 Lbs.	[ 17 kg ]

Electrical Characteristics acc. to ANSI C29.1

- BIL rating	350 kV
- Low frequency withstand voltage, wet	145 kV
- Max. RIV @ 1 MHz. Low-frequ. test voltage 44 kV	200 μV
- Critical impulse flashover voltage, positive	390 kV

Mechanical Characteristics acc. to ANSI C29.9

- Specified Cantilever Load (SCL)	4,400 Lbs	[ 19.6 kN ]
- Maximum Working Cantilever Load (MDCL)	2,770 Lbs	[ 12.3 kN ]
- Torsional strength	32,000 In-Lbs	[ 3600 m.N ]
- Compression strength	25,000 Lbs	[ 111 kN ]
- Specified Tensile Load (STL)	16,000 Lbs	[ 71 kN ]
- Deflection at 1200 Lbs. (5.3 kN) TR278	0.7 "	[ 18 mm ]

Component parts

- Rod	Epoxy impregnated glass fibers
- Housing	HTV Silicone
- Pedestals	Hot dip galvanized cast iron

This drawing contains confidential information that is the property of MacLean Power, L.L.C. ("MacLean"). Use of MacLean's confidential information without MacLean's express written consent is strictly prohibited and may expose you to legal liability. If you believe that you received this material in error, please destroy it or return it to "MacLean Power, L.L.C., 11411 Addison, Franklin Park, Illinois 60131, USA."



<b>NAA 100 XH 16 S</b>	
Print date	02/16/06