



MPS Catalog Number

Date 6/17/2025

Revision: C

MacLean Power Systems  
7801 Park Place Rd., York, SC 29745 USA (803) 628-2100

**P2 50 50 016 MX SS 008**

Dimensions acc. To ANSI C29.19

BIL Rating: 250 kV TR267P

Top End Fitting: 5 Inch Bolt Circle (Hot Dip Galvanized Cast Iron)  
Bottom End Fitting: 5 Inch Bolt Circle (Hot Dip Galvanized Cast Iron)

Number of Sheds: 8  
Rod Diameter: 2.5 Inches  
Weight Estimate: 34 lbs 15 kg  
Packaging: 18 Per Crate

Dimensional Values		
Height (L):	24.0 in	610 mm
Rubber Length (X):	16.2 in	411 mm
Shed Diameter (B):	7.7 in	196 mm
Shed Spacing (S):	2.0 in	51 mm
Dry Arc Distance:	19.0 in	483 mm
Leakage Distance:	52.4 in	1331 mm

Electrical Values			
Low Freq. dry Flashover:	195 kV	Min. Withstand	183 kV
Low Freq. Wet Flashover:	174 kV	Min. Withstand	132 kV
Positive CIFO:	330 kV	Min. Withstand	292 kV
Negative CIFO:	415 kV	Min. Withstand	326 kV
Max RIV @ 1 MHz. Low-freq. test voltage	30kV		200 μV

Mechanical Values			
Specified Cant. Load (SCL):	8,200 lbs	36.5 kN	
Max. Design Cant. Load (MDCL):	4,100 lbs	18.2 kN	
Specified Tensile Load (STL):	17,500 lbs	78 kN	
Specified Compression Strength	17,500 lbs	78 kN	
Deflection at 1600 lbs* (7.1kN)	.5 in	13 mm	
Specified Torsional Strength	32,000 In-lbs	3,615 Nm	

Dimension: inches [millimeters]

NOTE: Drawing not actual depiction of insulator appearance

Silicone Rubber, Sheath, & Dimensions comply with ANSI C29.19 and CSA C156.2.

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