

MPS Product Offering Update – H1 Product Family

Issue Date: 03/1/2026

MacLean Power Systems is announcing the planned obsolescence of the H1 line post product family, which utilizes a 2.0" diameter FRP core rod. This product family will be transitioned to equivalent designs within the H7 (1.75") and H2 (2.5") core rod line post families, which will continue to be fully supported. 2" core is a redundant offering between the capabilities of 1.75" & 2.5", both of which inherently have more capacity associated with them thus improved service levels and cost competitiveness. This change is part of MacLean Power Systems' ongoing effort to optimize our product portfolio while maintaining performance, reliability, cost competitiveness and long-term support for the utility industry.

As of **3/1/2026** MPS will no longer be offering the H1 line post product for new quotes. Last time buy will be extended to 5/1/2026 for any customers who have historically purchased this product and are in immediate need before converting it to the equivalent part numbers within the H7 and H2 product offering.

Replacement Options

MacLean Power Systems will provide functional equivalent or enhanced designs using the following platforms:

- **H7 (1.75" Core Rod)**
Recommended for 15kV – 69kV applications requiring lower mechanical strengths. This offer will provide significant weight reduction.
- **H2 (2.5" Core Rod)**
Recommended 69kV - 131kV for applications requiring higher mechanical strength.
- **Both the H7 or H2 equivalent will meet the original electrical performance utilizing the same MPS proprietary silicone formulation and manufacturing technologies.**

All replacement designs will meet applicable **ANSI, IEC and CSA requirements**. Please reference figure 1 below for full catalog breakdown and comparison.

Additional questions on product and sales can be directed to the MPS sales team or myself.

Thanks,



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Figure 1: Line Post Catalog Break Down

SMART NUMBERING

The catalog number for an insulator is intended to identify the characteristics and critical performance criteria of the insulator in an easy to understand format, ideally with consistency across the entire insulator product family.

H2 Core Rod	90 Tower EF	10 Line EF	066 Rubber Length	A Contamination	X Corona Ring	SS Shed Pattern	025 Shed Count
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H2 Core Rod

H1 - 2.0"

H2 - 2.5"

H3 - 3.0"

H4 - 3.5"

90 Tower EF

10 - Flat Base 12 Deg.

11 - Flat Base 0 Deg.

1C - Fixed Flat

13 - Flat Base / 13 X 8

50 - 5" BC

90 - Gain 12 Deg.

91 - Gain 0 Deg.

92 - Gain 12 Deg. / 14" Spacing

9C - Fixed Gain 12 Deg.

10 Line EF

10 - Drop Tongue

20 - Horizontal Trunnion

50 - 5" BC

60 - Vertical Trunnion

C0 - Extended Drop Tongue*

HS - Horizontal Ram*

F0 - Vertical Ram*

066 Rubber Length

Linear Distance EF to EF

A Contamination

M - Standard

A - Low

B - Medium

C - High

X Corona Ring

	Tower	Line
X -	None	None
A -	None	6"
B -	None	12"
C -	None	17"
E -	12"	12"

SS Shed Pattern

SS - Standard

RS - Reverse*

025 Shed Count

Based on Contamination Level

H7 Core Rod	40 Tower EF	U0 Line EF	014 Rubber Length	M Molded	X Corona Ring	SS Shed Pattern	007 Shed Count
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H7 Core Rod

H0 - 1.5"

H7 - 1.75"

40 Tower EF

40 - 3/4" Stud Base

42 - 7/8" Stud Base

90 - Gain Base

U0 Line EF

U0 - Universal

20 - Horizontal Trunnion

60 - Vertical Trunnion

70 - F-Neck

014 Rubber Length

Linear Distance EF to EF

M Molded

X Corona Ring

X - None

SS Shed Pattern

SS - Standard

007 Shed Count