



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

MPS Catalog Number **H7 40 70 018 MX SS 009**
Revision: A Date 1/23/2023

End Fittings
Tower End Fitting: 3/4"-10 Round Base (Galv. Duct. Iron)

Line End Fitting: F-Neck (Aluminum)

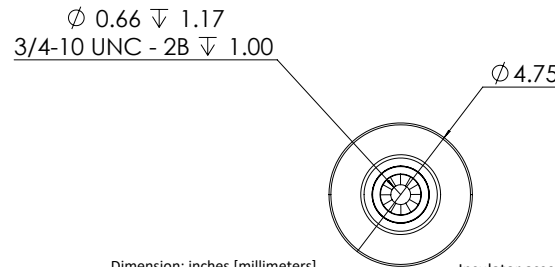
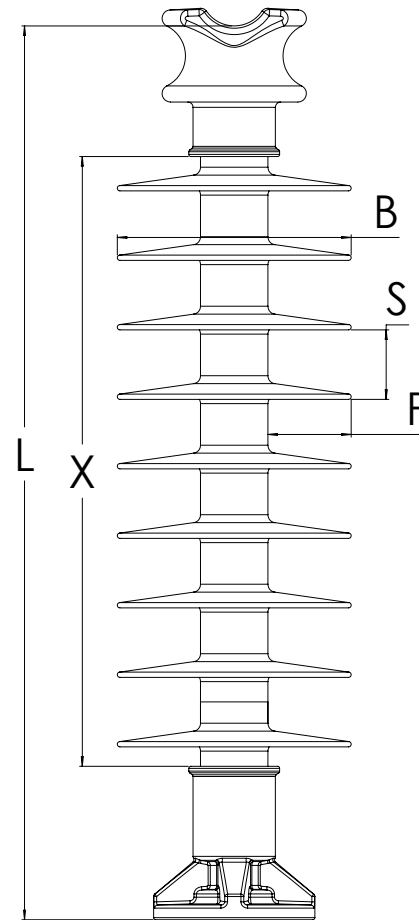
Material
Number of Sheds: 9
Rod Diameter: 1-3/4"
Weight Estimate: 18.2 lbs 8.3 kg

Dimensional Values
Section Length (L): 26.5 in 673 mm
Rubber Length (X): 18.0 in 456 mm
Shed Height (P): 2.4 in 62 mm
Shed Diameter (B): 6.9 in 175 mm
Shed Spacing (S): 2.0 in 52 mm
Dry Arc Distance: 20.8 in 529 mm
Leakage Distance: 58.2 in 1478 mm

Electricals Values
60 Hz dry Flashover: 232 kV Min. Withstand 198 kV
60 Hz Wet Flashover: 185 kV Min. Withstand 145 kV
Positive CIFO: 358 kV Min. Withstand 319 kV
Negative CIFO: 411 kV Min. Withstand 352 kV

Mechanical Values
Max. Design Cant. Load (MDCL): 1,235 lbs 5.5 kN
Specified Cant. Load (SCL): 2,470 lbs 11. kN
Specified Tensile Load (STL): 5,000 lbs 22.2 kN

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Dimension: inches [millimeters] Insulator assembly complies with ANSI C.29.18 and CSA C411.6 Standards
NOTE: Drawing not actual depiction of insulator appearance

Part Marking:
MPS WO#
H7 40 70 018 MX SS 009
69 kV
MDCL 1,235 lbs/5.5 kN