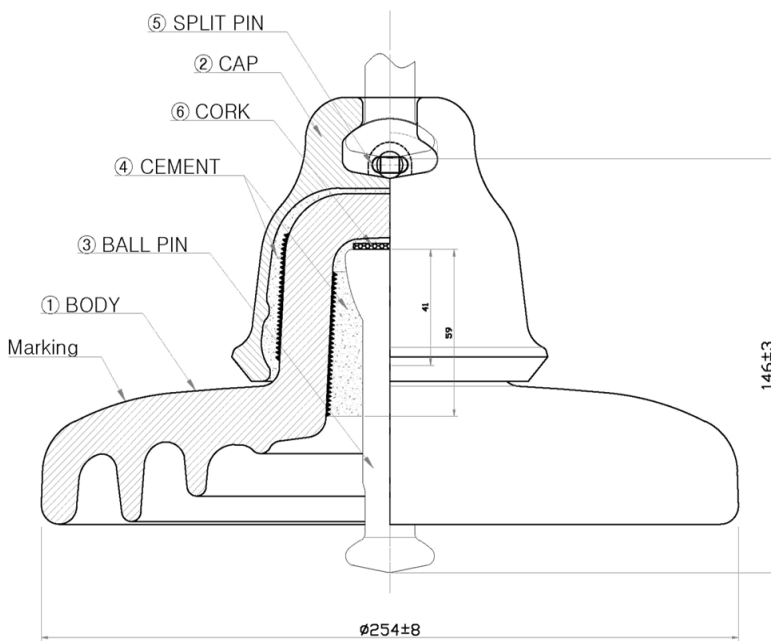


Porcelain Suspension Insulator



Mechanical & Electrical characteristics

KEPCO Standard
WEP CATALOG NO. 5205



TECHNICAL REQUIREMENTS CHARACTERISTICS

DIMENSIONS

LEAKAGE DISTANCE, inches (mm)	11 (min. 280)
UNIT SPACING, inches (mm)	5.75 (146±3)
SHELL DIAMETER, inches (mm)	10 (254±8)

MECHANICAL VALUES

COMBINED M & E STRENGTH, lbs (kgf)	25,000 (12,000)
MECHANICAL IMPACT STRENGTH, inch-lbs (kgf-cm)	60 (69)
TENSILE PROOF, lbs (kgf)	12,500 (6,000)

ELECTRICAL VALUES

Low-Freq. FLASHOVER-DRY, kV	80
Low-Freq. FLASHOVER-WET, kV	50
IMPULSE FLASHOVER-POS, kV	125
IMPULSE FLASHOVER-NEG, kV	130
Low-Freq. PUNCTURE, kV	110

RADIO INFLUENCE VOLTAGE DATA

a. 60 Hz TEST VOLTAGE, kV	10
b. MAXIMUM RIV @ 500kHz, dB	37



WOOJIN Electric & Power Co., LTD.