

CHARACTERISTICS/TESTS

In accordance with ANSI C29.9

Glaze: Light-grey Munsell Notations N°70
 Approximate weight

123.5 lbs

DIMENSIONS

Minimum leakage distance

99 in

MECHANICAL VALUES

Cantilever breaking strength, upright 1700 lbs
 Cantilever breaking strength, underhung 1700 lbs
 Tensile breaking strength 25000 lbs
 Torsional breaking moment 40000 in.lbs
 Compression breaking strength 60000 lbs

ELECTRICAL VALUES

Guaranteed voltage:
 Critical impulse dry, wave 1.2/50 - positive polarity 610 kV
 Power frequency wet, withstand 230 kV
 Impulse dry, wave 1.2/50 - withstand, positive polarity 550 kV

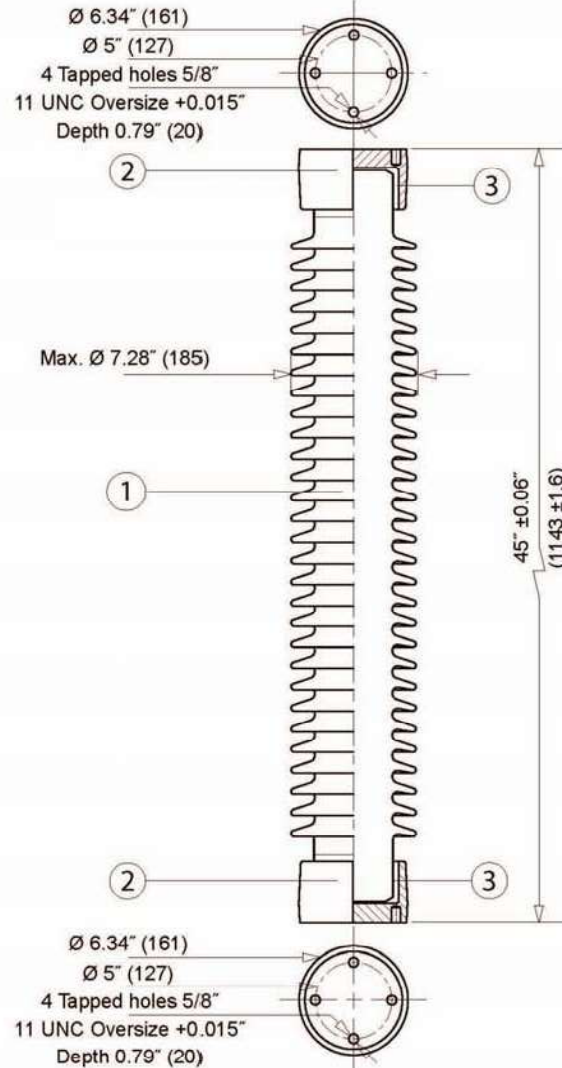
Test voltage 73 kV
 Maxi RIV at 1 MHz 200 μV

GENERAL TOLERANCE

± (0.04d + 0.06) in., if d ≤ 11.8 in.
 ± (0.025d + 0.24) in., if d > 11.8 in.

CONVERSION TABLE

DIMENSIONS	1	mm	0.03937	inch
		25.4	mm	1
FORCE	1	N	0.22481	pound
	4.448	N	1	pound
MOMENT OF FORCE	1	Nm	8.8495	inch-pound
	0.113	Nm	1	inch-pound



Outdoor Station Post Insulator
TR286
115kV / 550kV BIL



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