CHARACTERISTICS/TESTS

In accordance with ANSI C29.9

Glaze: Light-grey Munsell Notations N°70

Approximate weight	308.2	lbs

DIMENSIONS

Minimum leakage distance	116	in

MECHANICAL VALUES

Cantilever breaking strength, upright	4100	lbs
Cantilever breaking strength, underhung	4100	lbs
Tensile breaking strength	40000	lbs
Torsional breaking moment	120000	in.lbs
Compression breaking strength	120000	lbs

ELECTRICAL VALUES

Guaranteed voltage:

Critical impulse dry, wave 1.2/50 - positive polarity	710	kV
Power frequency wet, withstand	275	kV
Impulse dry, wave 1.2/50 - withstand, positive polarity	650	kV

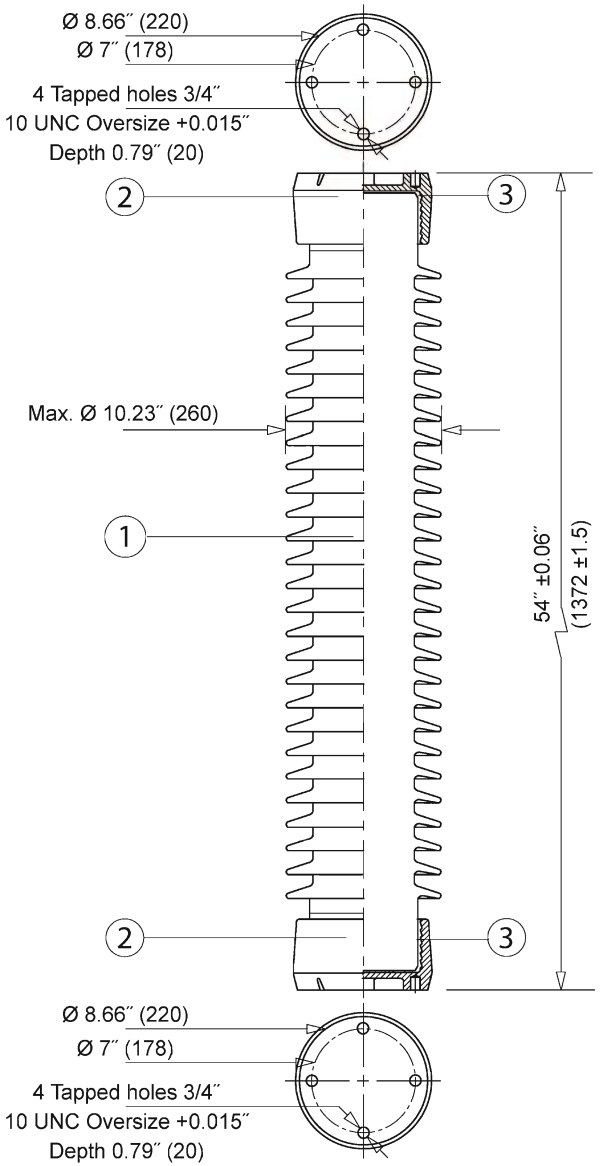
Test voltage	88	kV
Maxi RIV at 1 MHz	200	µV

GENERAL TOLERANCE

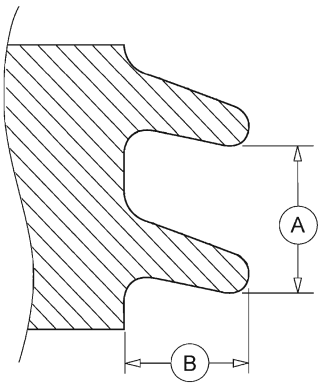
± (0.04d + 0.06) in., if d ≤ 11.8 in.
± (0.025d + 0.24) in., if d > 11.8 in.

CONVERSION TABLE

DIMENSIONS	1	mm	0.03937	inch
	25.4	mm	1	inch
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



SHED PROFILE



A	1.57″ (40)	/
B	1.77″ (45)	/
C	/	/
Id		

Nb	DESIGNATION	MATERIAL
1	Porcelain	Glazed Light-grey
2	Cap Fittings	K-178-050-111
3	Cementing	Portland cement
4	/	/
5	/	/
6	/	/
7	/	/

Top and bottom bolts are not furnished

Qty	REFERENCE	DESIGNATION
1	B-08071	Issue 1
/	/	/

MODIFICATIONS			
/			
/			
/			
/			
/			
/			

Outdoor post insulator

Cat. ID.

650 EU

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