SIMOTEC

LAPP INSULATORS

COMPOSITE HOLLOW-CORE INSULATOR

TECHNOLOGY: LSR Silicone Rubber Injection Moulding for tube Ø >80 mm
VOLTAGE CLASS: 1 – 800 kV
PRODUCT STANDARDS: EC 61462 (2007)
EXPERIENCE: 15 years

MAIN ADVANTAGES:

- Enables new apparatus designs
- Enhanced safety (explosion proof)
- Superior pollution performance (hydrophobic transfer mechanism)
- Earthquake resistant
- Vandalism proof
- Fail-safe
- Able to withstand extreme dynamic and impact loads
- Light weight: easy transport, handling, installation
- Short lead-time
- Technology proven since more than 15 years

REFERENCES:

- 123 kV VT/CT, Pfiffner, Switzerland
- 245 kV VT/CT, Ritz, Germany
- 245-800 kV Bushings, HSP, Germany
- 15-420 kV Surge Arrestor Housings, Siemens, Germany
- 245, 420 kV Surge Arrestor and Bushing Housings, ABB, Sweden
- 24-245 kV Fibre Optical Bushings, Alcatel, Draka Comteq, Germany

DESIGNS:

Inner tube Diameter [mm]	Outer tube Diameter [mm]
80	90
120	132
150	172
160	172
198	207
190	212
200	212
220	230
248	257
240	262
250	262
290	312
300	312
340	362
350	362
486	510
496	510
560	584

END FITTINGS:

- Flange A: Standard Strength
- Flange B: High Strength
- Flange C: Ultra-High Strength

Special customer end fittings are also available, customer supplied fittings can be assembled

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