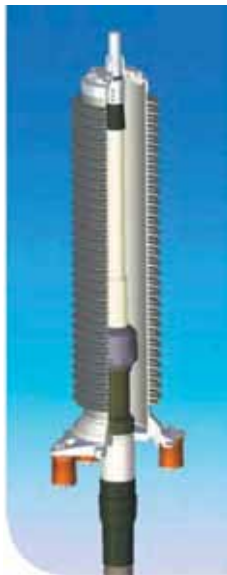


Outdoor Termination

FEV-V OUTDOOR TERMINATION WITH COMPOSITE INSULATOR

The different versions of this outdoor termination type FEV-V are designed for operation under severe outdoor conditions. Main components of the termination are the composite insulator with upper metal work, metal base plate with supporting insulators and premolded stress cone for electrical field control.

- Integrated premolded stress control system made of silicone rubber
- All metal work made of corrosion resistant aluminum alloy
- Termination is standing on supporting pedestal insulators, so that the cable screen can be isolated from earth
- Silicone fluid filled
- Top bolt available in two versions, screw type or press type
- Different top bolt diameter available suiting to the cable dimensions
- Type tested on Southwire Cable according to IEEE 48 and IEC 60840



Operation voltage Um (kV)	69	138	230
Type	FEV 72-V	FEV 145-V	FEV 245-V
Conductor Cu/Al max. (kcmil)	... 3000 ¹	... 5000 ¹	... 5000 ¹
Diameter over dielectric min. - max. (in)	1.4 - 3.8	1.4 - 3.3	1.4 - 4.3
Diameter over sheath max. (in)	... 4.1	... 4.1	N/A
Screw / Press Connection S/P	S / P	S / P	S / P
Length L (in)	55.1	74.8 / 82.6	108
Pollution level	III	II / IV	III
Creepage distance min. (in)	>71.4	>121 >207.5	>291
Diameter A (in)	1.1 / 2	1.1 / 2	2

¹ >2500 up to 5000 kcmil special crimping tool is required

