

Specification of Heat Shrinkable Power Cable Accessories

Test items of Heat Shrinkable Indoor Termination

No	Testing Items U _o /U	8.7/15(17.5)KV	12/20(24)KV	18/30(36)KV
1	50Hz voltage test	39KV,5min,no flashover, no strike	81KV,5min,no flashover, no strike	117KV,5min no flashover, no strike
2	Partial discharge test	15KV < 1pc	31KV < 1pc	45KV < 2pc
3	Cyclic load test 3 cycles	3 cycles under 90-95°C,23KV	3cycles,under 90-95°C,45KV	3cycles,under 90-95°C,65KV
4	Impulses voltage test	105KV no flashover, no strike	170KV no flashover, no strike	200KV no flashover, no strike
5	15min,50Hz,voltage with standing test	22KV,15min, no flashover, no strike	45KV,15min no flashover, no strike,	65KV,15min no flashover, no strike
6	Humidity test	No any flashover, tracking, erosion or mechanical damage occur at 1000h,11KV	No any flashover, tracking, erosion or mechanical damage occur at 1000h,21KV	No any flashover, tracking, erosion or mechanical damage occur at 300h,32.5KV

Test items of Heat Shrinkable Outdoor Termination:

No	Testing Items U _o /U	8.7/15(17.5)KV	12/20(24)KV	18/30(36)KV
1	50Hz voltage test	39KV,5min,no flashover, no strike	81KV,5min,no flashover, no strike	117KV,5min no flashover, no strike
2	Partial discharge test	15KV < 1pc	31KV < 1pc	45KV < 2pc
3	Cyclic load test 3 cycles	3 cycles under 90-95°C,23KV	3cycles,under 90-95°C,45KV	3cycles,under 90-95°C,65KV
4	Impulses voltage test	105KV no flashover, no strike	170KV no flashover, no strike	200KV no flashover, no strike
5	15min,50Hz,voltage with standing test	22KV,15min, no flashover, no strike	45KV,15min no flashover, no strike,	65KV,15min no flashover, no strike
6	Salt fog test	No any flashover, tracking, erosion or mechanical damage occur at 1000h,11KV	No any flashover, tracking, erosion or mechanical damage occur at 1000h,21KV	No any flashover, tracking, erosion or mechanical damage occur at 300h,32.5KV

Test items of Heat Shrinkable Straight Through Joint

No	Testing Items U _o /U	8.7/15(17.5)KV	12/20(24)KV	18/30(36)KV
1	50Hz voltage test	39KV,5min,no flashover, no strike	81KV,5min,no flashover, no strike	117KV,5min no flashover, no strike
2	<i>Partial discharge test</i>	<i>15KV < 1pc</i>	<i>31KV < 1pc</i>	<i>45KV < 2pc</i>
3	Cyclic load test 3 cycles	3 cycles under 90-95°C,23KV	3cycles,under 90-95°C,45KV	3cycles,under 90-95°C,65KV
4	Impulses voltage test	105KV no flashover, no strike	170KV no flashover, no strike	200KV no flashover, no strike
5	15min,50Hz,voltage with standing test	22KV,15min, no flashover, no strike	45KV,15min no flashover, no strike,	65KV,15min no flashover, no strike