



## Raychem Heat-shrinkable Termination Systems for MI/MIND Paper and Plastic Insulated Cables for up to 1 kV

With millions of installations throughout the world, Raychem cable terminations for up to 1 kV are acknowledged to be more reliable and quicker to install than conventional systems.

### **A proven system**

Consistent performance in extreme temperatures, atmospheric pollution and ultra-violet light has proven the insulating and sealing ability of Raychem terminations for more than 35 years.

### **Ease of installation**

Installed by way of heat-shrinking, the Raychem system saves time, eliminates special equipment and simplifies work overhead and work in confined spaces.

Varying cable constructions can be easily accommodated, and every kit typically covers three to four cable sizes. Thus inventories are reduced and stockkeeping minimized.

### **Performance**

Raychem terminations meet our Specification PPS 3013, which includes the requirements of the major national standards and international norms. High performance and efficiency are the results of Raychem's expertise in materials science and electrical power engineering, gained through a sustained research effort and extensive experience as one of the largest cable accessory makers.

We make a wide range of terminating and jointing systems and support them with full customer service, installer training and technical assistance to meet the demands of the growing world of energy.

**Raychem**  
from TE Connectivity

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Test sequence		Result
<b>A.C. Voltage Withstand in Air</b>	4kV for 1 minute	no breakdown and no flashover
<b>Insulation Resistance in Air</b>	between each phase core in turn and all other phase cores	>1000MΩ
<b>A.C. Voltage Withstand in Water</b>	4kV for 1 minute	no breakdown and no flashover
<b>Insulation Resistance in Water</b>	between bunched phase cores and grounded water & between each phase core in turn and all other phase cores	>1000MΩ
<b>Load Cycling in Air</b>	63 cycles 5h heating, 3h cooling conductor temperature: Paper cables: 85°C PVC cables: 75°C XLPE cables: 95°C	pass
<b>Load Cycling in Water</b>	as above, with cable in 1m water	pass
<b>A.C. Voltage Withstand in Water</b>	4kV for 1 minute	no breakdown and no flashover
<b>Insulation Resistance in Water</b>	as above, with cable in 1m water	>1000MΩ
<b>Notes:</b>	1. All voltages are phase to ground 2. Further details are available on request	

### Ordering information

Raychem termination kits are available for MI/MIND paper and plastic insulated cables for up to 1 kV, with 2 to 4 cores and with conductor cross-sections up to 500 mm<sup>2</sup>. Solderless earth connections and a full selection table are available on request.

Raychem termination kits are supplied complete with full installation and application information.

For further details on this or any other Raychem products please contact your local sales representative.

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**TE Energy - innovative and economical solutions for the electrical power industry: cable accessories, connectors & fittings, insulators & insulation, surge arresters, switching equipment, lighting controls, power measurement and control.**

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