



**PATTON & COOKE CO.**

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**CABLE ACCESSORIES**

**FACTORY CABLE TERMINATIONS**

Complementing Patton & Cooke’s broad range of mining products, we offer an “in-plant” cable coupler installation service, which provides appropriate termination, high pot testing and filling (if required) with specified compound. Installation is done quickly and professionally, so your cable arrives on time at your job site, ready for immediate service.

If you wish to do your own termination, Patton & Cooke has available type “11Y”- heat shrink terminating kits that reduce installation time. Filling compound is also available.

Available Products & Services			
Cable Assemblies: Includes labour to strip cable, apply stress cone kit, and terminate coupler (fiber optics option also available).			
Cable Preparation: Labour only to strip cable and apply stress cone kit.			
Testing: Standard testing includes hi-pot testing to IEEE-48, VLF testing services also available			
Patton & Cooke Product	Voltage	Diameter over Conductor Insulation	Catalogue No.
<b>STRESS CONE TERMINATION KITS</b> These kits include all materials and instructions necessary to terminate one end of a three phase cable. Stress relief and insulation is provided by heat shrink tubing.  <i>Note: Solder and solder paste (if required) are not included in these kits, but can be purchased as separate items.</i>	5, 8, 15 kV	#3-4/0 AWG	<b>11Y08/15-A</b>
		#4-4/0 AWG	<b>11Y08/15-B</b>
		#2-250 MCM	<b>11Y08/15-C</b>
Patton & Cooke Product	Voltage	For Use With	Qty of Compound
<b>POTTING COMPOUND</b> 3 litre Cat. No. <b>OS-J990-MV3</b>	5 kV	Cable Mount	1 x 5 litre
		Junction Box	2 x 5 litre
5 litre Cat. No. <b>OS-J990-MV5</b>	8 kV	Cable Mount	1 x 5 litre
		Junction Box	2 x 5 litre
	15 kV	Cable Mount	1 x 5 litre + 1 x 3 litre

- NOTE:**
1. The recommended potting compound is GUROFLEX manufactured by TE Products. Potting compound is required for 15 kV couplers and junction boxes, and recommended for 5 and 8 kV couplers and junction boxes exposed to extreme changes in temperature and humidity. Kits are available in full 3 litre and 5 litre containers.
  2. Cables for termination should arrive “joy wound” (both ends exposed) on cable reels or additional cost for re-reeling may be applied.
  3. Lagging and Battening of reels for shipment may require additional charges
  4. If VLF testing of cables is required, an additional charge will be applied.

**Fiber Optic Installation Services:**

With increasing demands for data acquisition and processing in industrial application, there is an increasing need for fiber-optic based communication solutions, adapted to these environments. Patton & Cooke offers a wide range of fiber optic and hybrid (integrated) fiber/power cable solutions. Whether your project requires custom configurations or conformity to Mil-Spec standards, Patton & Cooke will deliver timely and cost-effective solutions. With over 50 years of experience serving connectivity solutions for mining, high voltage utility, and industrial markets, the experts at Patton & Cooke are your trusted partner for demanding, mission-critical applications.

**On-Site Services:**

In your project requires experts at your location, the Patton & Cooke professional services staff will provide the installation, maintenance, training, and/or repair services to meet your needs. Contact us to learn more about how our in-house team and global network of high voltage and fiber optic specialists can work for you.