

# CABLE JACKET REPAIR KITS

Fast, Reliable Protection for On-Site Cable Damage

Cable jacket and sheath damage is a frequent on-site issue that can compromise cable integrity, allowing moisture and contaminants to penetrate the insulation. Even minor surface defects can worsen during installation, handling, or operation if left untreated.

3M™ Cable Jacket Repair Solutions provide a quick, safe, and cost-effective method to restore cable protection without the need for heat or specialised tools. Suitable for all cable sizes, these kits minimise inventory requirements and are ideal for use in confined or restricted spaces.

## Benefits:

- Heat-free application
- Suitable for temporary and permanent repairs
- Durable, moisture-resistant protection
- Proven 3M™ electrical insulation performance



### Minor Damages

Surface damages like scratches and grooves from sharp edges.



### Substantial Damages

Cable jacket cuts or breakouts with cores still intact.



### New cable splice is required

Severe cable core damage with punctures and deep defects impacting the inner layers.



Quick, safe, and cost-effective method to restore cable protection.

**SOLUTIONS FOR MINOR DAMAGE REPAIRS****Item Code : KMAC-CJRK-MD**

Designed for surface-level jacket damage such as scratches, grooves, or abrasion caused by sharp edges during handling or installation.

**Typical Applications:**

- Surface scratches
- Minor jacket nicks
- Shallow grooves with no core exposure

**Kit Contents & Functions:**

Product Image	Description	Application
	IPA Cleaning Wipes	Cleans cable jackets and tools prior to tape application.
	Fine Sandpaper	Smooths and prepares damaged surfaces to ensure proper tape adhesion.
	Cotton Cloth	Removes dust, oil, and moisture for a clean, dry repair surface.
	3M Scotch® 2228 Rubber Mastic Tape	Pads and insulates the damaged area, restoring jacket thickness and protection.
	3M Scotch® Super 33+™ Vinyl Electrical Tape	Provides strong electrical and mechanical protection with excellent resistance to UV, abrasion, moisture, alkalis, solvents, and acids. Flame-retardant, corrosion-inhibiting, and compliant with UL, CSA, and VDE standards.

**SOLUTIONS FOR SUBSTANTIAL DAMAGE REPAIRS**
**Item Code : KMAC-CJRK-SD**

Designed for more severe jacket damage where cuts or breakouts are present but cable cores remain intact.

**Typical Applications:**

- Deep jacket cuts
- Breakouts without conductor exposure
- Mechanical damage requiring enhanced sealing

**Kit Contents & Functions:**

Product Image	Description	Application
	IPA Cleaning Wipes	Ensures clean cable surfaces and tools before repair.
	Fine Sandpaper	Prepares and smooths damaged areas for reliable bonding.
	Cotton Cloth	Eliminates contaminants and moisture prior to insulation.
	3M Scotch® 2166 Rubber Mastic Tape	Features a removable liner for easy application. Used in combination with vinyl electrical tape, it delivers excellent waterproofing, moisture resistance, and UV protection while providing cushioning and sealing.
	3M Scotch® 2228 Rubber Mastic Tape	Adds insulation and padding to restore jacket integrity.
	3M Scotch® Super 33+™ Vinyl Electrical Tape	Completes the repair with durable electrical insulation and environmental protection.