

# Cable Jacket Repair

Reliable cable jacket repair to help you reduce or eliminate downtime.

## Task: Repair for minor damages

For repairing damages like scratches and grooves from sharp edges, please follow the steps below:

- Clean the cable surface with a solvent and sandpaper. We recommend using 3M™ Cable Preparation kit CC-3 or Scotch® 1626 Degreasing and Cleaning.
- Half-lap Scotch® Cable Jacket Repair Tape 2234 over the damaged jacket area.
- Overwrap each end with Scotch® Super 33+™ Vinyl Tape. This tape will add radial pressure to ensure the best adhesion and sealing.



## Task: Repair for substantial damage

When dealing with more significant damage where a portion of the cable jacket is torn, first check if the inner layers of the cable are untouched. Then please proceed as follows:

- Remove the torn edges of the cable jacket.
- Clean the cable surface with a solvent and sandpaper. We recommend using 3M™ Cable Preparation kit CC-3 or Scotch® 1626 Degreasing and Cleaning Spray.
- Fill and seal the holes with 3M™ Scotchfil™ Electrical Insulation Putty.
- Overwrap the whole repair length with Scotch® Cable Jacket Repair Tape 2234.



### When to repair cable jackets versus splicing them or replacing them?

The selection of Scotch® Cable Jacket Repair Tape 2234 and methods of repair depend on the nature of the damage. Scotch® Cable Jacket Repair Tape 2234 should be used to repair scratched and slightly damaged cable jackets, or substantial repairs where a section of the cable jacket is missing. Repairs with Scotch® Cable Jacket Repair Tape 2234 are possible if the conductors or inner part of the cable construction are not damaged. Otherwise, the cable needs to be spliced or replaced.

