
ELE-3COP-260

Title - Cable Jacket Stripping Using a Cossonary Knife.

Before starting work please read this document carefully and note the guidance given.

1 Purpose and Scope

This COP describes the procedure to be used when stripping cable jackets using a Cossonary knife. The instructions in this document take preference over IPC/WHMA requirements, as do the drawing and any customer documentation.

2 Performance Objective

This code of practice is produced to support operators already trained in the installation of heat shrinkable and harnessing products. It identifies the procedure to be used when stripping cable jackets using a Cossonary knife.

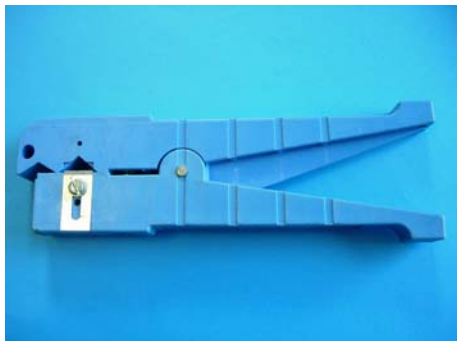
3 Materials and Equipment:

Cable to be stripped

Cossonary knife (Cossonary Knives can be purchased from Hunter Tools Ltd, 87, North Street, Nailsea, Bristol, BS48 4BS, email: sales@huntertools.co.uk)

Ideal Coaxial Cable Stripper (refer to Table below)

Cable Dia. (mm)	Part No.	Replacement Blade Set Part No.
Up to 3.1 mm	45 - 162 - 341	L9225
3.2mm to 5.5mm	45 - 163 - 341	L9225
4.8mm to 7.9mm	45 - 165 - 341	L9225
6.4mm to 14.3mm	45 - 164 - 341	L9226



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4 Health and Safety

Adhere to local Codes and Regulations relating to Safe Working practices. For the U.K. adhere to requirements of the Health and Safety at Work Act 1974 and subsequent amendments.

A knife should never be used for jacket stripping as this can easily cause personal injury and conductor damage.

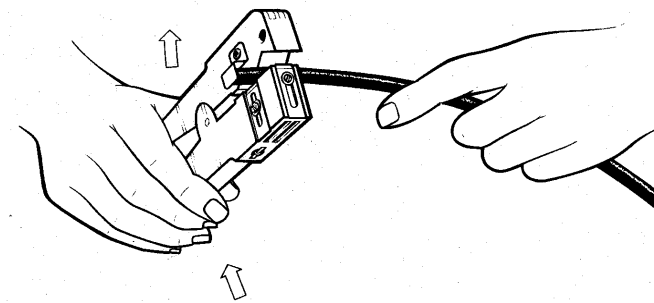
Always ensure that the cutting direction of the Cossonary knife is away from the hand.

5 Procedure

Cutting

Set the blade depth to 75% of the jacket thickness and make a circumferential score around the cable jacket using the Ideal cable jacket stripper taking care not to penetrate fully. Flex the cable to propagate the notch through the jacket wall.

Figure 1

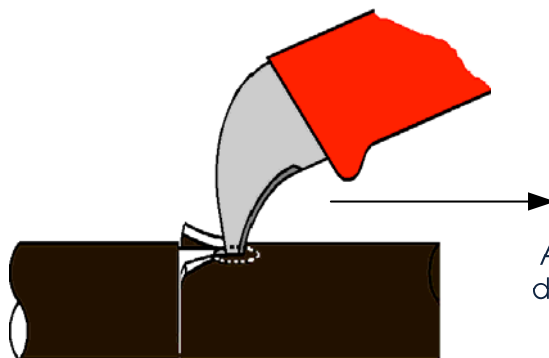


Stripping

Insert the foot of the Cossonary knife into the cut.

Ensure that the foot of the knife is parallel with the cable, draw the knife longitudinally along the cable, this will ensure a good clean cut, on completion remove the stripped jacket.

Figure 2



Always ensure that the cutting direction of the Cossonary knife is away from the hand



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6 Inspection Requirements

The cut through the insulation shall be clean.
Shield or conductors shall not be flattened, untwisted, buckled, kinked or otherwise deformed.

7 Visual Standards

Not Available

Rev No	CR No	Date	Raised	Approved
4	CR06-DM-071	07/04/06	John Cronin	Ken Wallington
5	CR09-DM-018	30/01/09	Paul Newman	Neil Dorricott
6	Visual Identity	06/06/11	Paul Newman	Neil Dorricott

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