

**IMPORTANT
SAFETY
INFORMATION**

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Instructions for Safe Installation of 8mm Catenary Span

Cable & fitting requirement per span



Overview

This data sheet outlines the safe installation procedure for installing an 8mm catenary span across a street or Public Highway. Cable, fittings & kits can be ordered on our website.

The guide conforms to the "Code of Practice for the Installation, Operation and Removal of Seasonal Decorations", published by the County Surveyors' Society. All installations must be carried out by a qualified installer operating under the direct instruction of the Highway Authority.

Installation Guidelines

Full details relating to catenary installation can be found in the County Surveyor's Code of Practice. This should be referred to before carrying out an installation. The following are general guidelines:

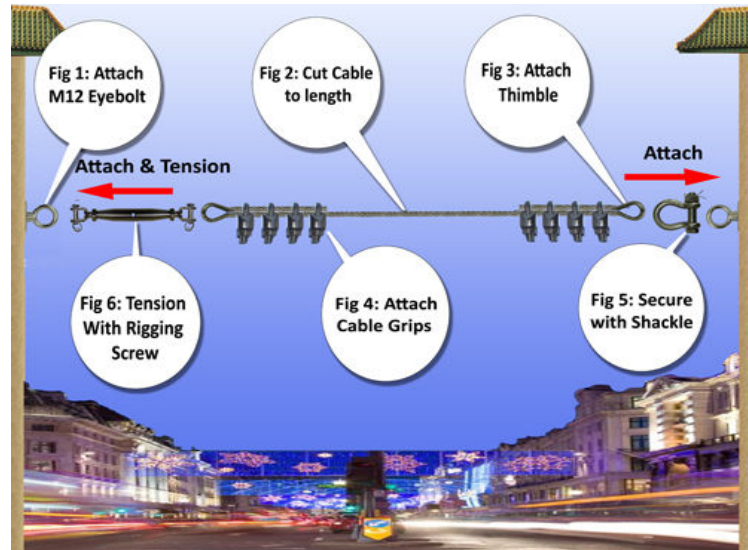
Safe Clearances: Generally no decoration or support shall project over the road or within 0.5 metres of the kerb face at a height less than 5.8 metres above the road surface. At least 2.5 metres headroom must be provided over any area restricted just to pedestrian movement. For further details of height load routes, contact the Highway Authority for the particular road.

Spans per installation: It is recommended that for cross road decorations at least two parallel catenary wires are used. A single catenary wire may be sufficient for festoon lighting.

Inspection & Testing: Each anchorage & catenary span should be visually inspected annually & load tested every five years by a Competent Person. Record inspection dates along with any signs of damage or corrosion in the catenary Register.

Fitting Instructions

1. Resin-fix & test M12 Eyebolt (Cat Code 208.267.411) (Fig 1). For details, please see our resin fixing & eyebolt testing data sheets.
2. Cut 7x19 cable (Cat Code 604.000.080) to required length allowing for fitting lengths & turnback (Fig 2). Tecni-Cable recommends the Felco C12 Professional Wire Rope Cutter (Cat Code 104.000.012) for cutting through 8mm cable.
3. Form eye in cable & reinforce with 8mm thimble (Cat Code 308.900.080) (Fig 3).
4. Secure thimble eye using 8mm DIN 741 cable grips - 4 per end (Cat Code 309.010.008). (Fig 4). Tecni-Cable publishes a data sheet on our web site for safe fitting of DIN grips.
5. Remove Safety Bolt from Bow Shackle (Cat Code 208.684.095) & reeve through thimble eye (Fig 5). Replace bolt in shackle.
6. Remove clevis pins from Rigging Screw (Cat Code 208.245.410). Position jaws over eyebolt & thimble eye & replace clevis & pin (Fig 6). Repeat with shackle bolt on other side of the road.
7. Tension span by rotating rigging screw body in a clockwise direction. The span is now ready to support seasonal decorations.



If in doubt, please contact us:

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The information in this leaflet should be passed to the user of the equipment