

Wire Rigging Insulators

It is the only fail safe rigging insulator for wire available on the market today. Utilising the same features that have made the Hi-Mod compression fittings so popular, this insulator has an internal ball-socket in the main body that threads onto the connecting stud. The nut is insulated from the stainless steel body by a Tufnol™ socket, preventing electrical transference to the insulator body or opposite terminal. Should, for any reason, the Tufnol™ be compromised, the nut will bottom out against the stainless housing. While the backstay will loosen, the insulating studs will remain attached to the insulator body-allowing the rig to be re-tensioned until a repair can be made. The Hi-Mod insulator meets or exceeds current electrical standards for marine backstay insulators. Available with swageless terminals, swage terminals, eye, fork and toggle ends to suit any application.

Fail Safe Insulators

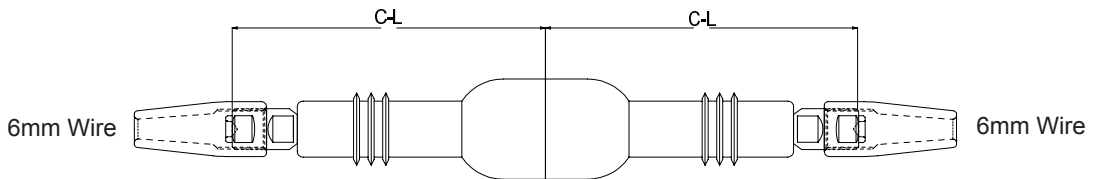
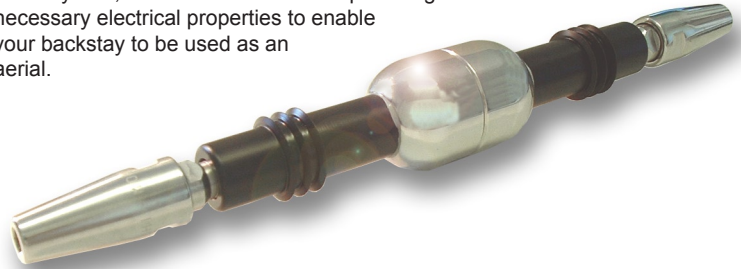
Metric Wire - 6mm to 12mm

Larger sizes up to 26mm wire manufactured to order.

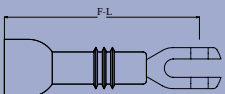
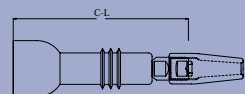
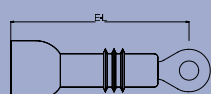
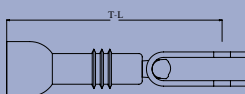
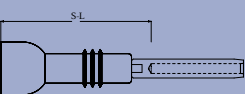
The insulator diagrams detailed below are showing only half sections of a complete assembly. This allows the end-user to select the terminations they require. For example, if you want an insulator with a compression stud at one end and a fork at the other end then the code would be RICF followed by the wire size.



The insulator exceeds the rated breaking load of the cable, even Dyform, whilst at the same time providing the necessary electrical properties to enable your backstay to be used as an aerial.



The product codes for rigging insulators are made up by suffixing "RI" with the relevant end fittings followed by the wire size. E.g. The diagram above would be coded RICC06.

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|--|---|---|--|---|
|  |  |  |  |  |
| Code : F | Code : C | Code : E | Code : T | Code : S |
| Fork End | Compression End | Eye End | Toggle End | Swage Stud End |

| WIRE SIZE | PIN SIZE | HOLE SIZE | C-L | E-L | S-L | F-L | T-L |
|-----------|----------|-----------|-------|-------|-------|-------|-------|
| 6mm | 11mm | 11.3mm | 103mm | 107mm | 101mm | 121mm | 134mm |
| 7mm | 12mm | 13mm | 125mm | 129mm | 120mm | 142mm | 155mm |
| 8mm | 14mm | 14.5mm | 131mm | 151mm | 140mm | 164mm | 198mm |
| 10mm | 16mm | 16.2mm | 146mm | 154mm | 142mm | 176mm | 198mm |
| 12mm | 19mm | 19.2mm | 155mm | 180mm | 168mm | 207mm | 248mm |