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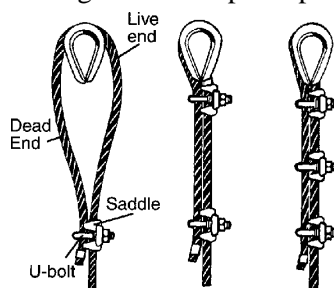
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Field Installed Wire Rope Attachments

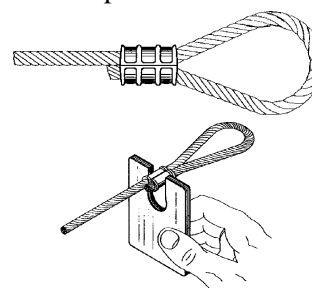
There are two fundamental types of field installable wire rope attachments designed to compress two pieces of wire rope together and create enough friction to bind the wire ropes together. Either method of attachment is perfectly acceptable and compliant with lifting and suspension standards as long as the proper fittings are installed properly, as detailed below:

Forged Wire Rope Clip



80% of wire rope strength.
Saddle placed on live-end only.
Two clips per attachment up to 1/2".
Torque to instructions, load, re-torque.

Compression Sleeve



100% of wire rope strength.
One sleeve per attachment.
Lap splices usually require 2 sleeves.
Go-gauge must pass.

Build It or Buy It? Editorial by Andrew Martin

It is a considerable investment to design and manufacture overhead suspension hardware to comply with international safety standards, and then fabricate the products in such a way as to provide proof of compliance with those standards. While there is economy of scale with large manufacturers such as ATM Fly-

Ware, costs can still seem higher to purchase rather than build your own rigging. Perception can easily be skewed as is explained in the table below. If the purchaser wishes to maintain a mitigated risk position, take advantage of experience, as well as save time; then buying rigging products remains the best solution.

Standards Watch

Public comments have been incorporated into the next revision of BSR E1.8 Entertainment Technology—Loudspeaker Enclosures Intended for Overhead Suspension—Classification, Manufacture and Structural Testing and should be released soon. Check www.ESTA.org for additional standards information.

Factor	Build It	Buy It
Standards	No Compliance	Compliant
Time Invested	\$\$\$\$ Allot	\$ Very Little
Materials	\$\$\$ Moderate	\$\$ Savings
Fabrication	\$ Savings	\$\$\$ Moderate
Overhead	\$ Little	\$\$\$ Moderate
Totals	\$\$\$\$\$\$\$\$	\$\$\$\$\$\$\$\$

TIP: Engineering a Church Installation

Most churches have a professional engineer or architect in the membership, request a time donation for engineering the structure to the uniform building code prior to installation.

Sound & Video Rigging Systems