

# Advantages of CLS camera lowering systems

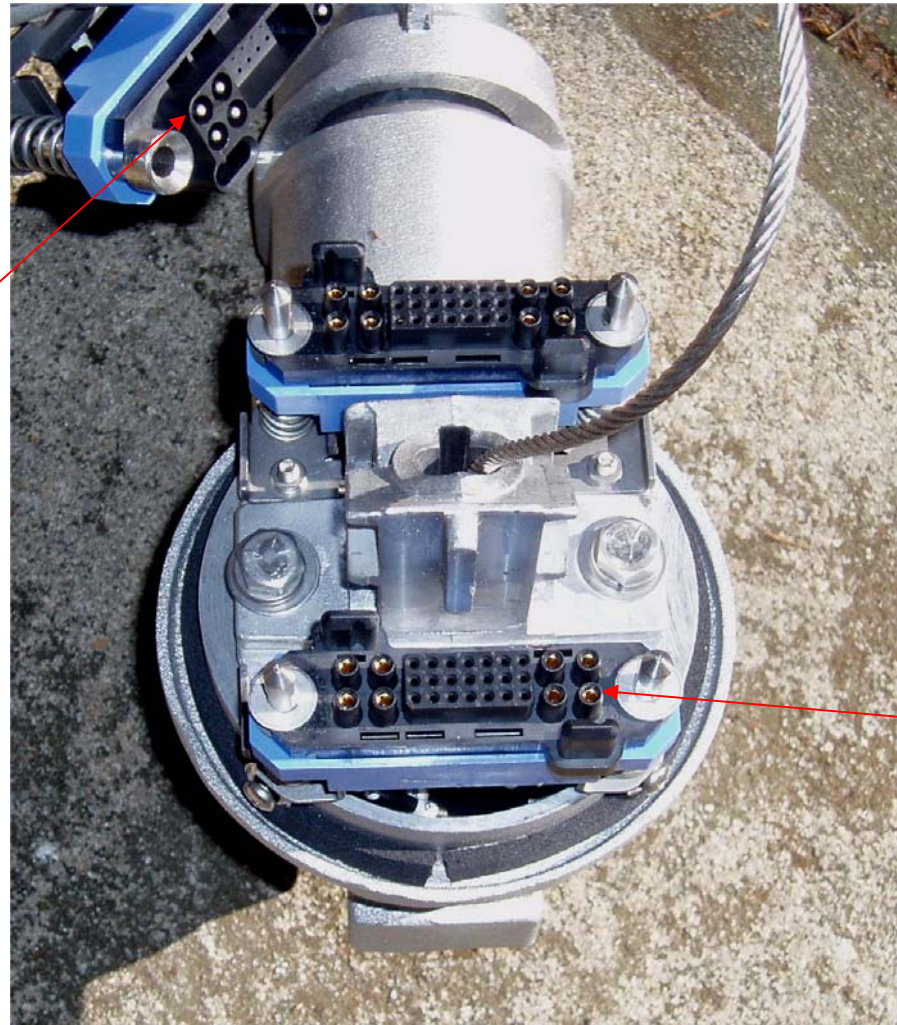
## **C** **L** **S** **CAMERA** **OWERING** **YSTEMS**

These slide pictures supplement the documentation regarding the advantages of the CLS camera lowering device.



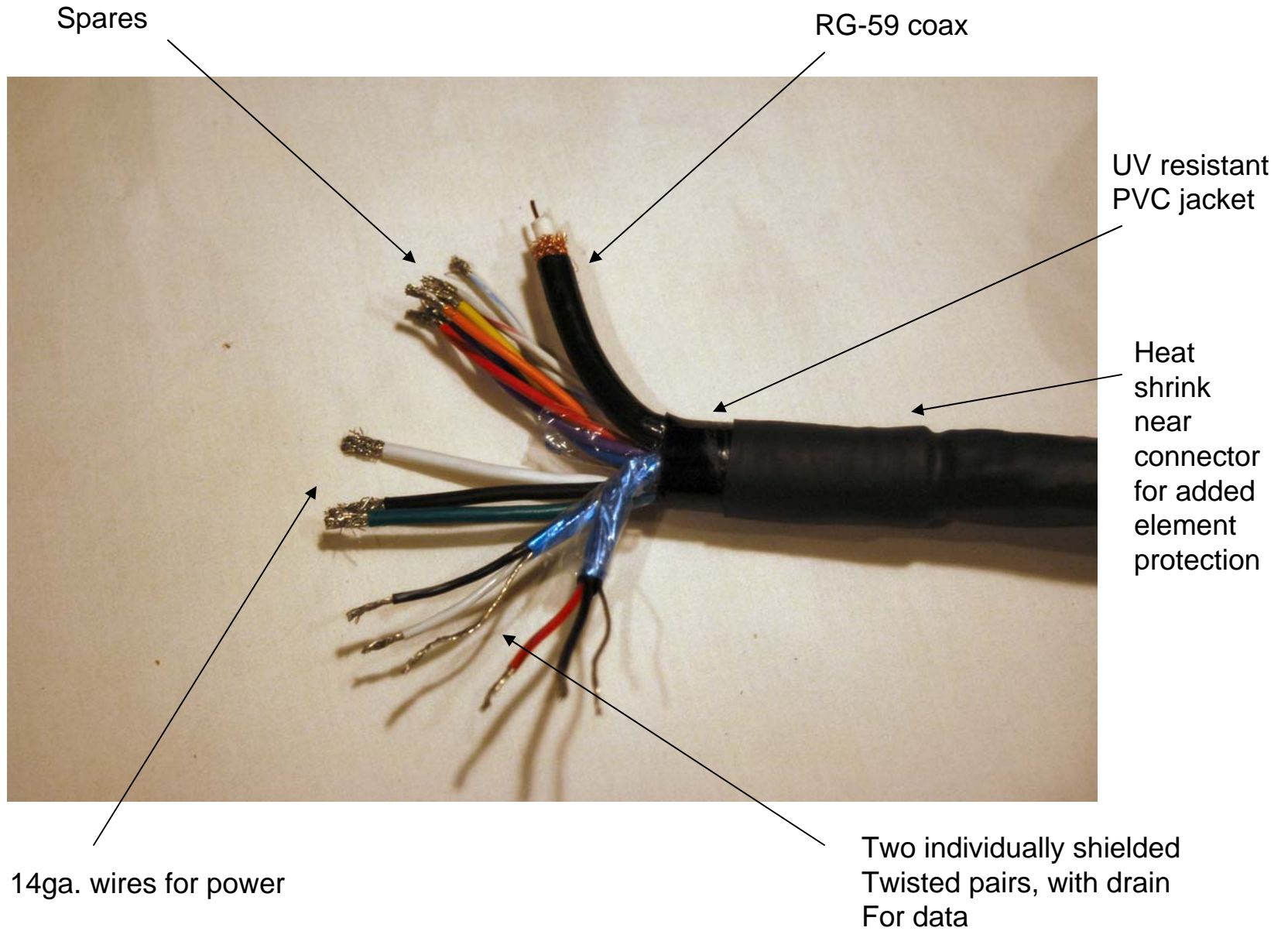
**Gold plated – Nickel plated – Copper Pins with  
Chamfered gold plated sockets**

Heavy Duty  
pins

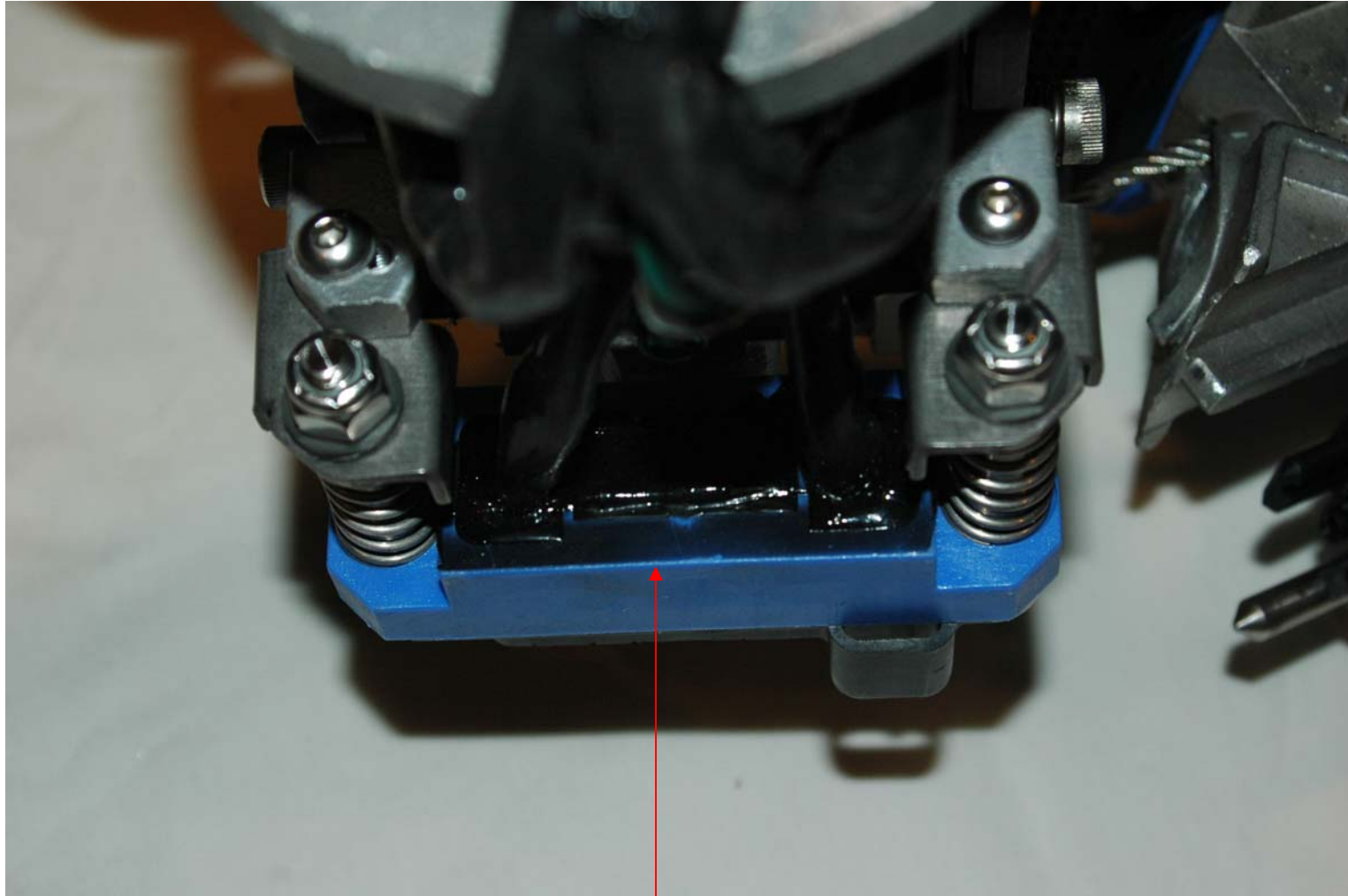


Chamfered sockets  
to ensure proper mating

# CLS Composite Cable



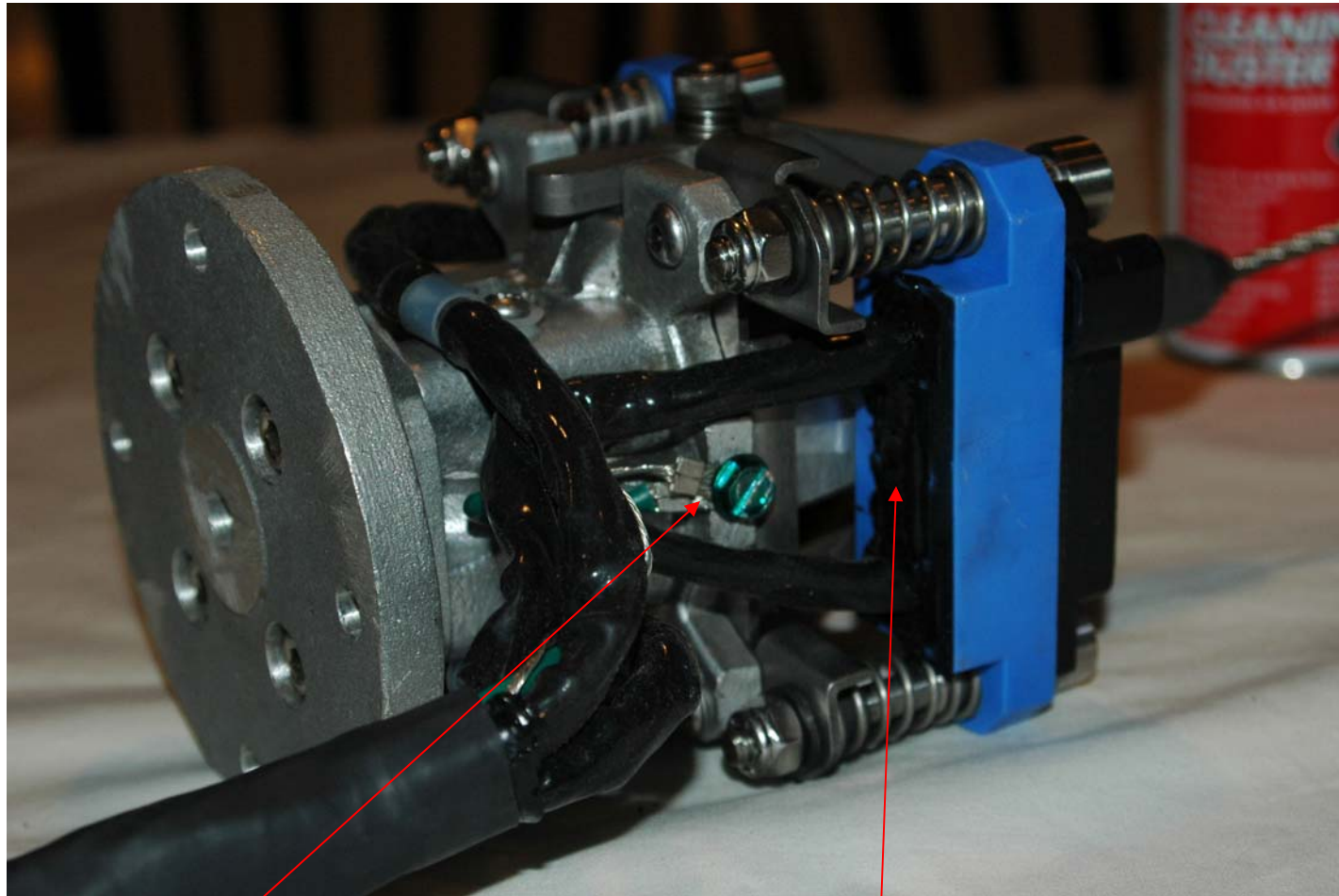
## Environmentally Sealed Connectors



Composite cable components are wired directly into the connector and permanently sealed from the environment, including coaxial cable

## Environmentally Sealed Connectors

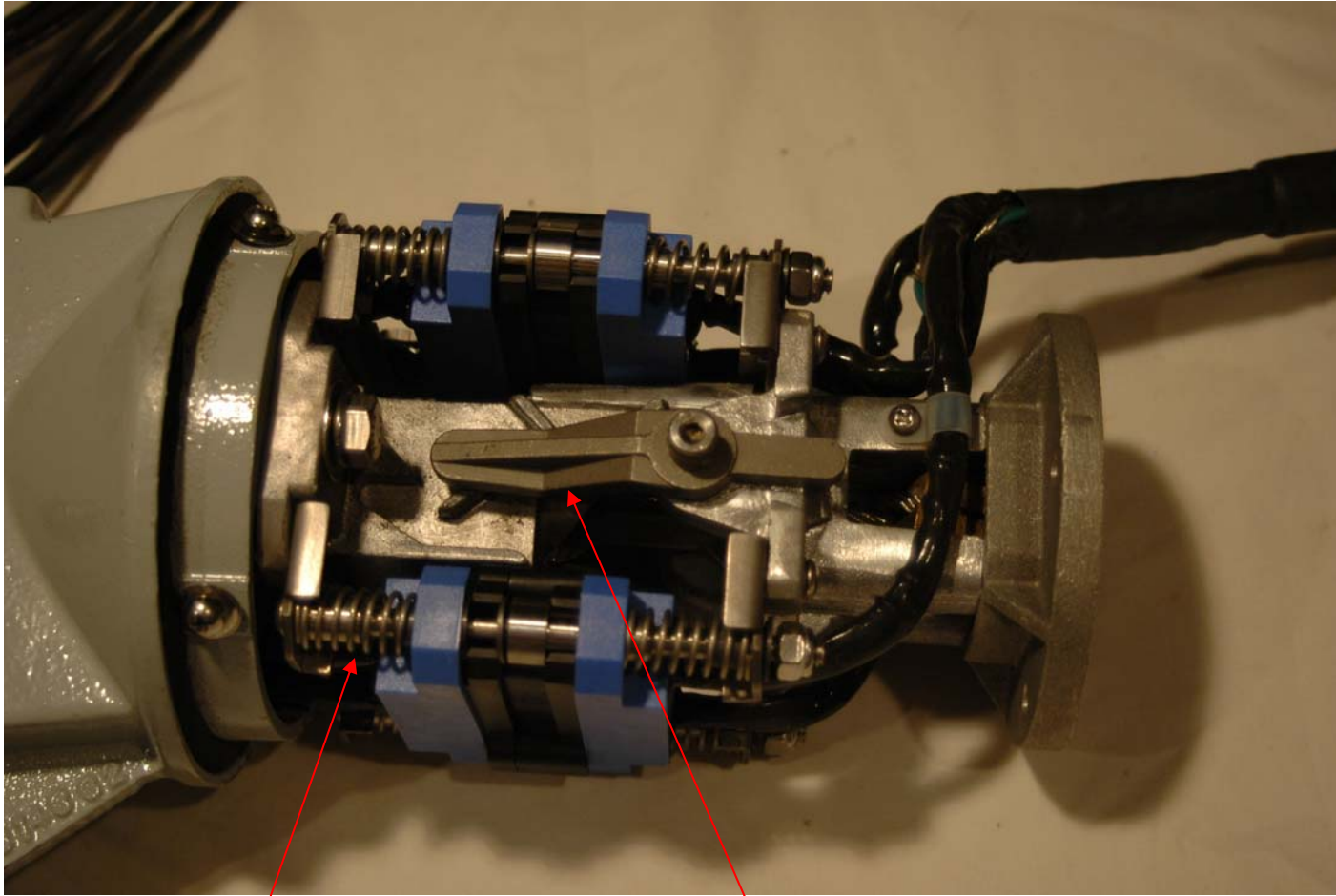
Spring loaded connector ensures tight connection under windy or vibratory conditions



Ground wire to casting ensures grounds mate and break first

Cable is potted and sealed with Superflex to withstand moisture, corrosive elements and temperature changes

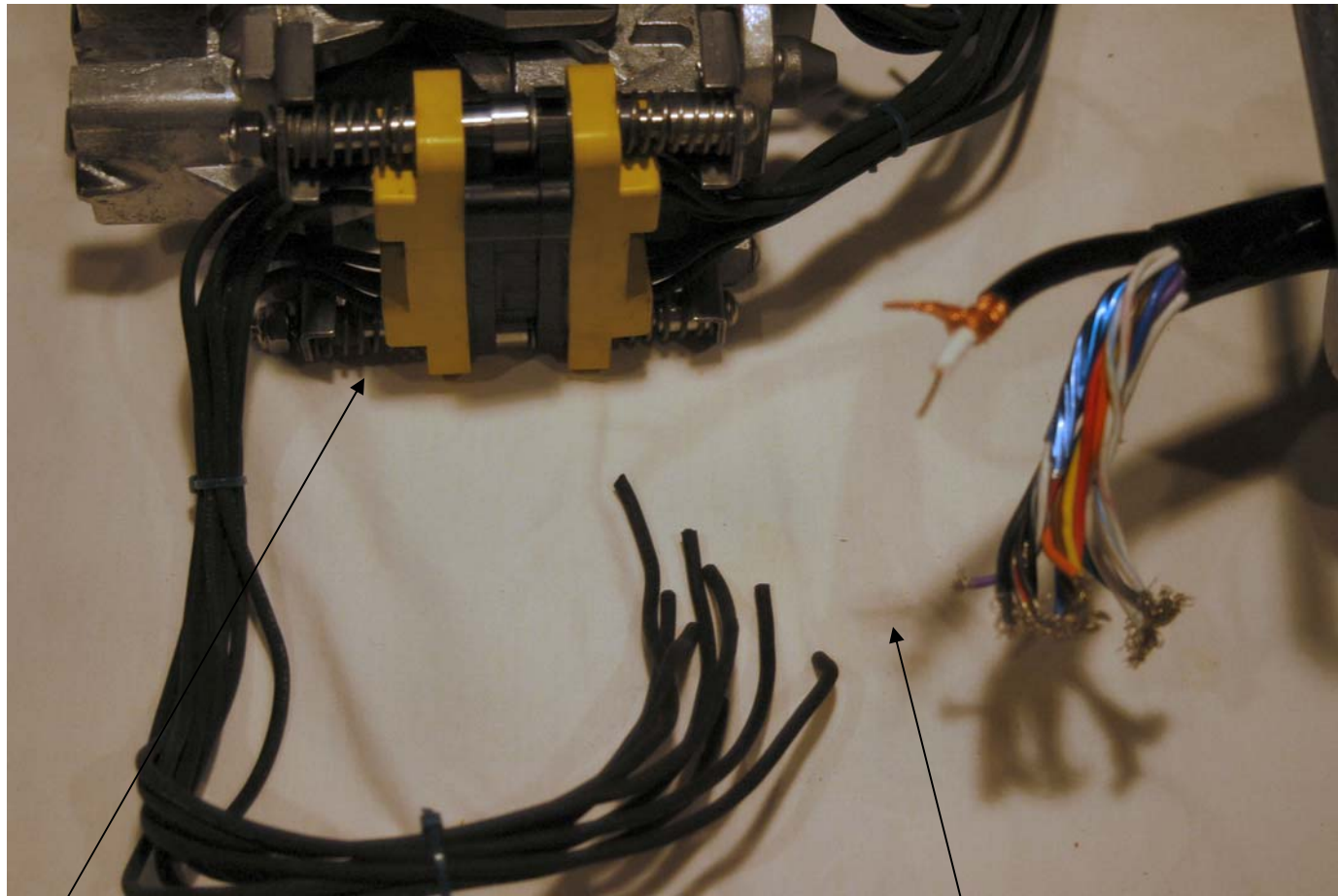
## Complete Connector Assembly



Spring loaded connector ensures tight connection under windy or vibratory conditions

Locking mechanism

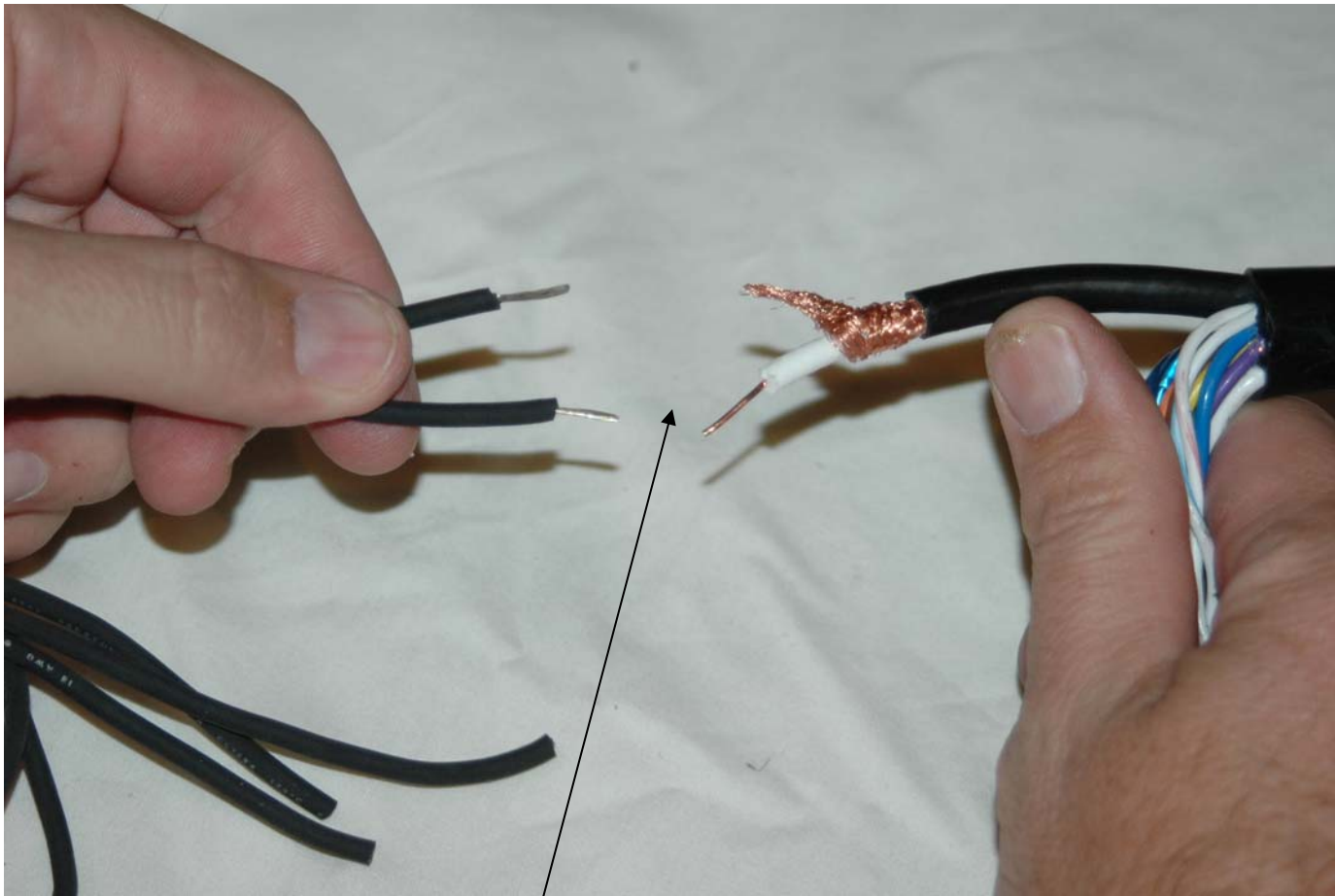
**Advantage of CLS direct wired composite cable  
over wire lead molded connectors  
(these splices not required with CLS 16HD)**



Wire lead style  
connector

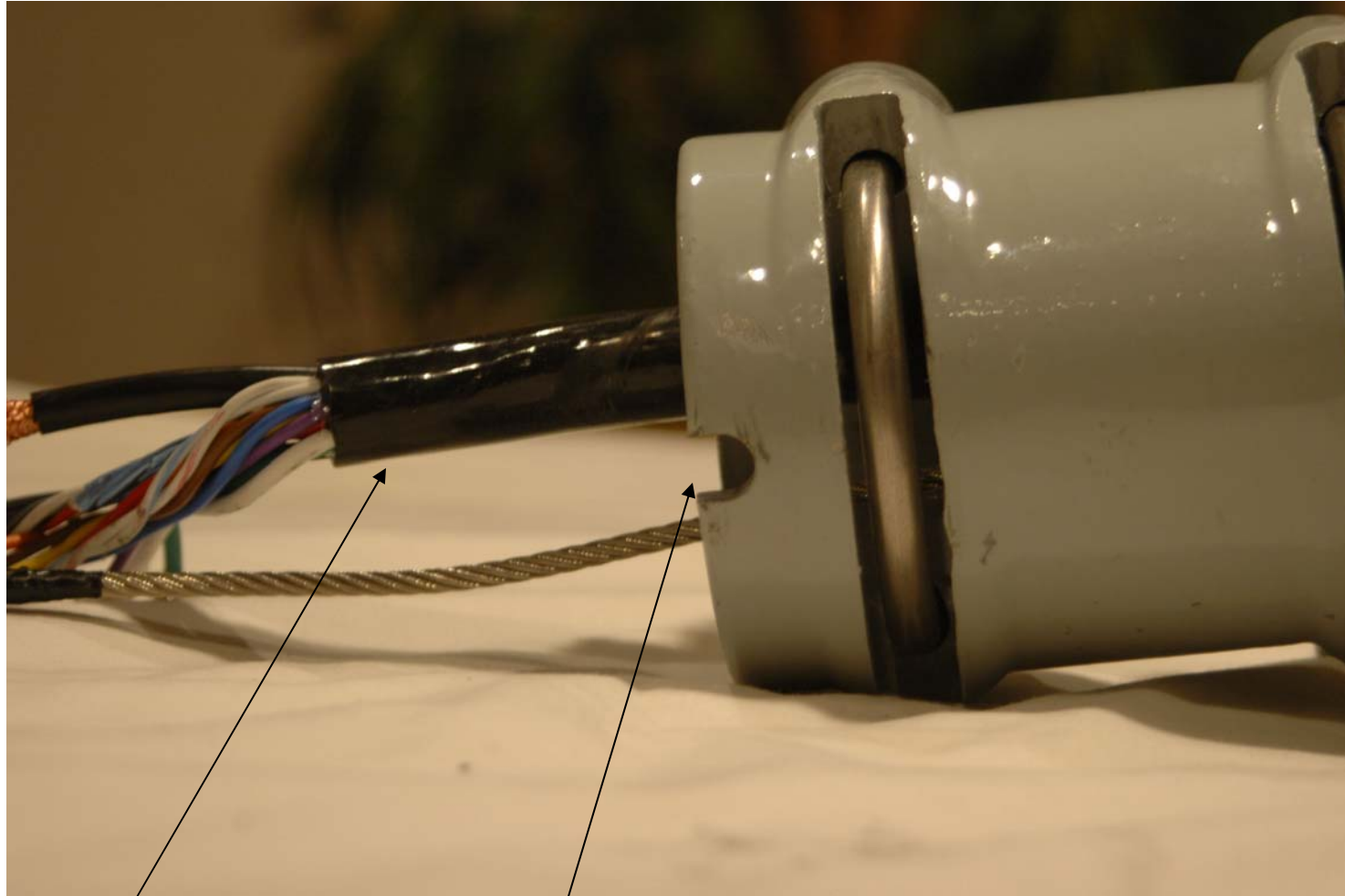
For connector system with wire leads, a  
pole top splice is required for all leads

**Pole top splicing for coax cable  
required for wire lead style connectors  
(these splices not required with CLS 16HD)**



Coaxial cable center conductor and shield must be spliced to wire leads. Splicing of the shield is difficult and can cause signal degradation

## Round arm interlocking key notch



Composite cable is provided custom length from top of pole to CCTV cabinet. No splices required.

Both ends of the lowering device arm have interlocking key positions for the round arm to ensure it is locked in place and cannot rotate once installed.

## Environmental Seal on Junction Box Connection



Gasket fits snugly inside bell housing providing environmental seal

## Bell Housing to Junction Box Seal



Gasket  
provides  
environmental  
seal

## CLS Junction Box Benefits

Safety latches



Continuous gasket for weather resistance

Standard 1.5" NPT thread for mounting any dome camera without special adapters

Ample room for lightning protection devices

## Exterior of Junction Box



Overlapping lip diverts water  
and adds to weather resistance