



# **STANDARD STEEL TERMINATION GUIDE**

Author: JBA  
Last update: 20/02/2017  
Version: 1.0



# Contents

<b>1</b>	<b>Scope .....</b>	<b>3</b>
<b>2</b>	<b>Materials .....</b>	<b>3</b>
<b>3</b>	<b>Instruction .....</b>	<b>3</b>
<b>4</b>	<b>Responsebility .....</b>	<b>13</b>

## 1 Scope

This guide describes mounting of a standard steel termination on steel cables. Please be aware that the parts depend on the type of cable.

## 2 Materials



1. Picture 1

Picture 1 show the steel termination parts.

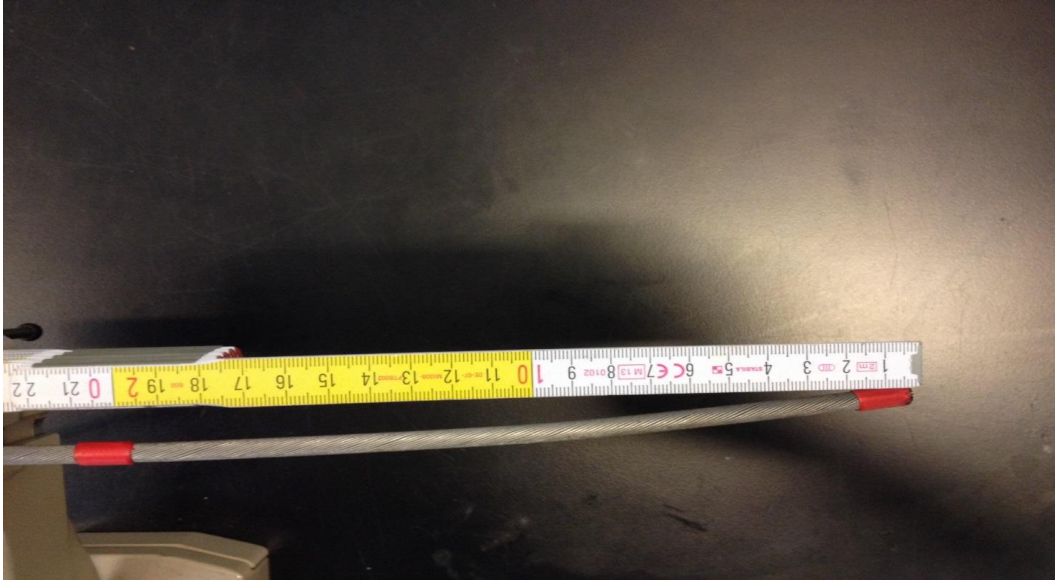
Other needed items:

- One 210 gram 3M Scotchcast
- Acetone to clean the termination and the cable
- Cleaning paper and brush
- Grease to protect tighten work for the termination ( Loctite 542 or 577 )

## 3 Instruction

Follow below instructions step by step:

2. Mark with electrical tape and cut off about 20cm of the metal wires around the coax cable.



3. Push the cable through the bottom of the termination.

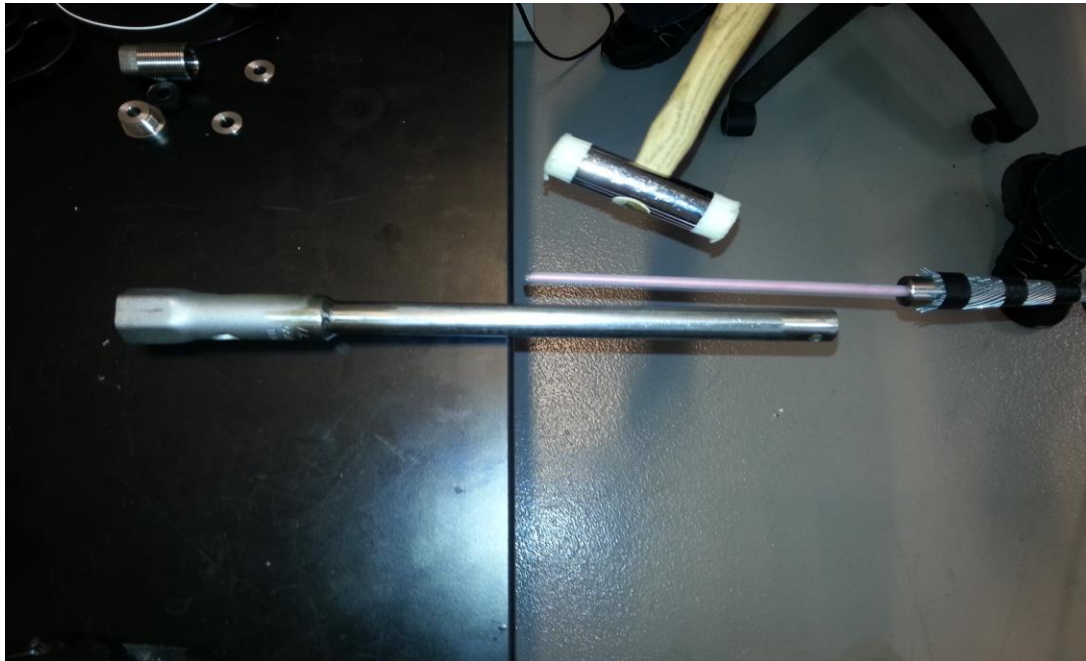


4. Mark again with electrical tape approx 7-8 cm from the steel wire end as seen on the picture. Cut off only the outer layer at the first tape. Push the steel cone on the cable and split the inner layer.





5. Carefully hammer the cone in place with some metal tube or mandrel. The electrical tape might need to be replaced during the hammering in order to keep the wires in "order" Cut off the inner wires



6. Remove the tape carefully while keeping the wires in nice "order" Push the cone with the wires into the termination bottom and hammer it fully in place.





7. Put on a Washer and the Gasket Housing. Tighten it hard.



*Picture shows old gasket house !!*



8. Screw on the Termination fully and perform a load test, 3 times normal load. Remove the Termination and check tightness.

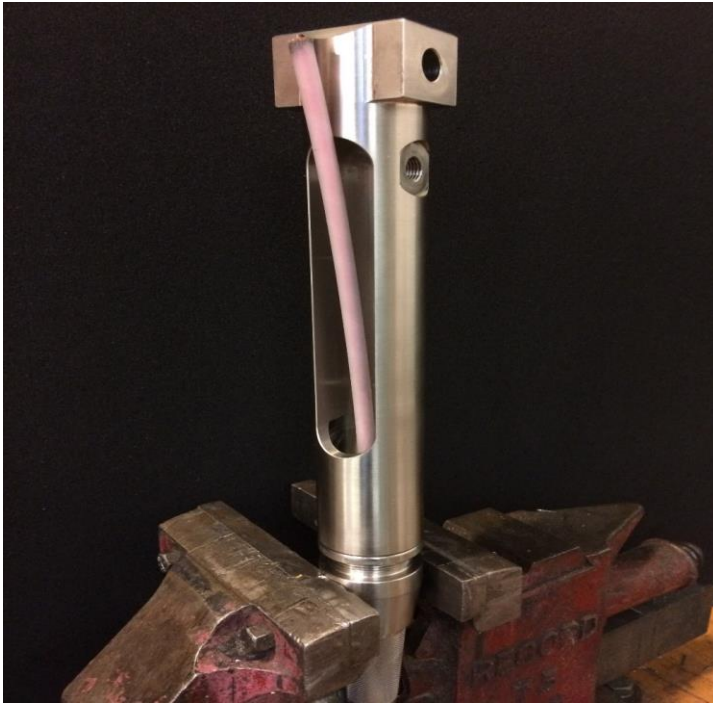


9. Mount the Gasket, a Washer and the Gasket Nut. Tighten firmly, but not to hard as this could damage the coax



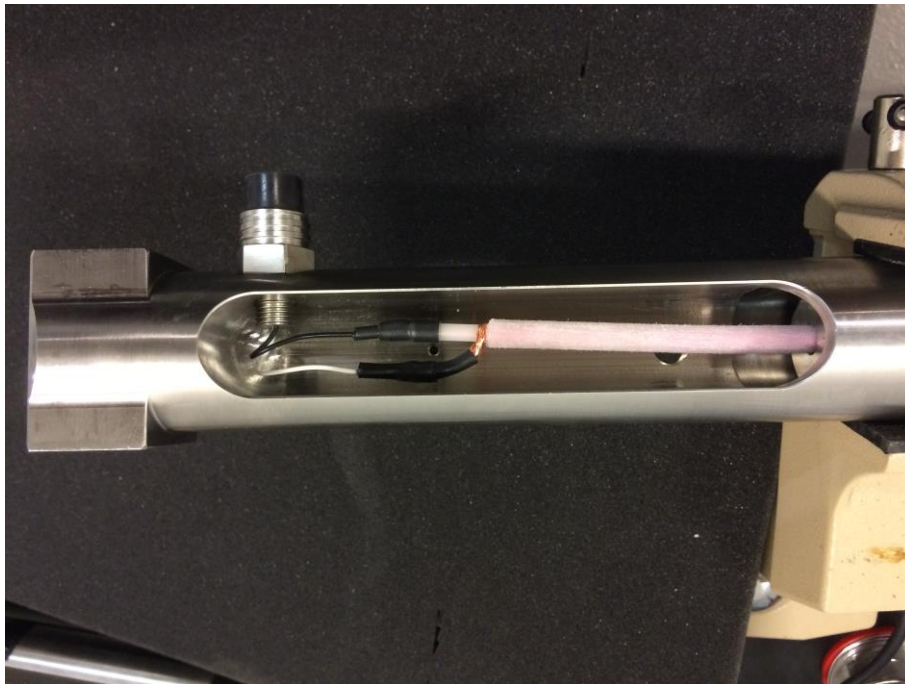
*Picture shows old gasket nut !!*

10. Mount the Termination and cut the Coax in suitable length.  
Remove the Termination and prepare the Coax for soldering.



11. Apply some Loctite on the bottom tread and mount the Termination. Tighten it hard and tighten the lock Nut.





12. Mount the Bulkhead connector and solder. Level the Termination horizontally, clean with Acetone if needed. Pour in the molding and leave it to harden for 12 hours.





## 4 Responsibility

- A. EIVA a/s disclaims responsibility for any injury that may result from the application of the above guide.
- B. EIVA a/s has developed this guide on the basis of the company's current technological knowledge and experience. EIVA a/s cannot be held responsible for any conditions or effects caused by subsequent information proving this instruction to be inaccurate or incomplete.
- C. It is the claimant's responsibility to ensure that local legal requirements regarding safety and legislation are met.
- D. If persons other than the claimant demand compensation from EIVA a/s based on conditions exceeding the compensation responsibility that EIVA a/s relating to point C has accepted, the claimant is duty bound to take over the running of the case and indemnify EIVA a/s for all costs, including case fees and compensation amount.

13.

Version number/date	Description
1.0	First version