



*Image for illustrative purpose only*

## Summary

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|                                    |                                |
|------------------------------------|--------------------------------|
| Number of contacts High Voltage    | 1                              |
| Plug                               | Plug - Straight                |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 6.50 - 6.60 mm                 |
| Size                               | 1Y                             |
| Suggested matching part            | <a href="#">ERA.1Y.405.CTA</a> |
| Series                             | Y - High Voltage Unipole       |

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctlc66.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctlc66.html)

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# Technical details

## Electrical Configuration

|                                  |                         |
|----------------------------------|-------------------------|
| Number of contacts High Voltage  | 1                       |
| Contact Termination High voltage | Solder                  |
| Insert configuration value       | 1Y.405 - 1 High Voltage |
| Insulator                        | T: PTFE                 |
| Rated current                    | 8 A                     |
| Test voltage (kV DC)             | 10.5                    |
| Creepage distance                | 16 mm                   |

## Form & Material

|                        |   |
|------------------------|---|
| Shell style / Model id | FFA - Straight plug with cable collet   |
| Plug                   | Straight  |
| Housing material       | Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces |
| Locking system         | Push-pull   |
| Keying                 | Circular  |
| Colour                 | Grey  |
| Weight                 | 35.34 g   |

## Environment

|                                   |                       |
|-----------------------------------|-----------------------|
| Technical domain                  | Specialties and Other |
| Environmental sealing (IP rating) | IP50                  |
| Salt Spray Corrosion              | >1000 hr              |

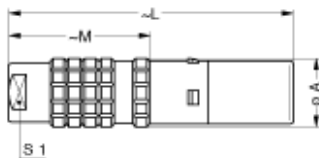
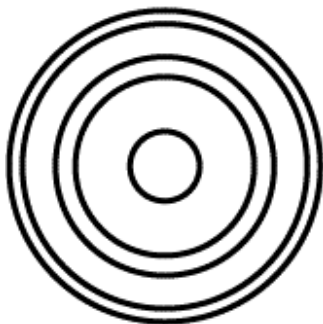
## Cable fixation

|                                    |  |
|------------------------------------|--|
| Cable termination protection       | Standard back nut (no additional protection) |
| Fixation type                      | Cable collet                                 |
| Jacket cable outside diameter [mm] | 6.50 - 6.60 mm                               |

# Drawings

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctlc66.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-ctlc66.html)

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# Dimensions

|     | A    | L    | M    | S1   |
|-----|------|------|------|------|
| mm. | 13   | 67   | 30.5 | 9    |
| in. | 0.51 | 2.64 | 1.2  | 0.35 |