# Series 803 Mighty Mouse Plug and Receptacle
# ¼ Turn Bayonet Metal Protective Cover




***Protect Connectors From Damage***
Machined aluminum covers prevent ingress of contamination and water.

***Stainless Steel Fittings and Rings***
Choose small diameter eye fittings for panel attachment. Larger rings fit under the jam nut or over cable jackets. Split rings can be installed on fully assembled cables.

***Polyurethane-Coated SST Wire Rope*** offers high strength, excellent abrasion resistance and good flexibility or choose Fluoropolymer jacket for high temperature exposure.

***Braided Nylon Rope***
provides excellent flexibility and good abrasion resistance, and can be ordered with slip knot fittings for easy installation on any size cable.

**How To Order**

| Sample Part Number | 660-082 | -M | S | 12 | 04 | -6 |
|---|---|---|---|---|---|---|
| **Series (See Table I)** | **660-082** = Plug Cover<br>**660-083** = Receptacle Cover | | | | | |
| **Shell Material / Finish** | **C** = Aluminum / Black Anodize (Non-Conductive) RoHS Compliant<br>**M** = Aluminum / Electroless Nickel RoHS Compliant<br>**NF** = Aluminum / Cadmium with Olive Drab Chromate<br>**ZN** = Aluminum / Zinc-Nickel with Olive Drab Chromate<br>**UCR** -= Aluminum / Zinc-Cobalt with Black Chromate RoHS Compliant<br>**ZNU** = Aluminum / Zinc-Nickel with Black Chromate<br>**MT** = Aluminum / Nickel-PTFE RoHS Compliant<br>**Z1** = Stainless Steel / Passivated RoHS Compliant | | | | | |
| **Attachment Type** | **D** = Bead Chain, CRES, Passivate<br>**F** = Wire Rope, Nylon Jacket<br>**G** = Nylon Rope<br>**H** = SST Wire Rope, Fluoropolymer Jacket<br>**N** = No Attachment<br>**R** = Wire Rope, PVC Jacket<br>**S** = SST Sash Chain<br>**SK** = Nylon Rope With Slip Knot<br>**T** = SST Wire Rope, No Jacket<br>**U** = SST Wire Rope, Polyurethane Jacket<br>"SST" = Stainless Steel | | | | | |
| **Shell Size** | **5**, **6**, **7**, **8**, **9**, **10**, **12**, **14**, **15** | | | | | |
| **Attachment Code (See Table II)** | Small Ring = **01** thru **06**<br>Large Ring = **14** thru **33**<br>Split Ring = **50** thru **68** | | | | | |
| **Attachment Length (inches)** | Omit for attachment Type N (No Attachment) Example "-6" equals six inch length | | | | | |

**Table I: Cover Style**

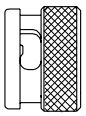
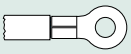
| | |
|---|---|
|  |  |
| **660-082** Bayonet Plug Cover | **660-083** Bayonet Receptacle Cover |

**Table II: Attachment Code**

Omit for attachment types N (No Attachment) and SK (Slip Knot)

| | |
|---|---|
|  Small Ring | **01** – .126 (3.20) I.D.<br>**02** – .145 (3.68) I.D.<br>**04** – .188 (4.78) I.D.<br>**06** – .197 (5.00) I.D. |
|  Large Ring | **14** – .385 (9.8)<br>**15** – .445 (11.3)<br>**16** – .570 (14.5)<br>**17** – .635 (16.1)<br>**18** – .695 (17.7)<br>**19** – .885 (22.5)<br>**20** – 1.070 (27.2)<br>**21** – 1.135 (28.8)<br>**22** – 1.210 (30.7)<br>**23** – 1.275 (32.4)<br>**25** – 1.530 (38.9)<br>**26** – .950 (24.1)<br>**27** – .766 (19.5)<br>**28** – 1.015 (25.8)<br>**29** – .315 (8.0)<br>**30** – 1.380 (35.1)<br>**31** – .820 (20.8)<br>**32** – .265 (6.7)<br>**33** – .510 (13.0) |
|  Split Ring | **50** – .420 (10.67) I.D.<br>**52** – .480 (12.19) I.D.<br>**54** – .635 (16.13) I.D.<br>**56** – .745 (18.92) I.D.<br>**58** – .885 (22.48) I.D.<br>**60** – 1.010 (25.65) I.D.<br>**64** – 1.125 (28.58) I.D.<br>**68** – 1.345 (34.16) I.D. |

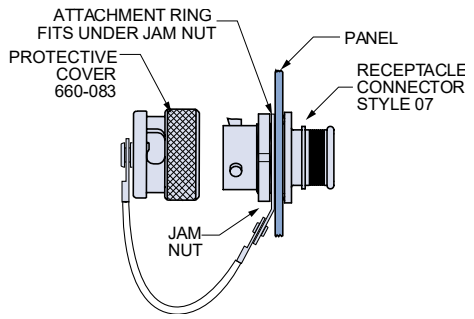


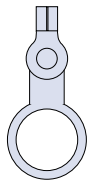

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# Series 803 Mighty Mouse Plug and Receptacle
# ¼ Turn Bayonet Metal Protective Cover

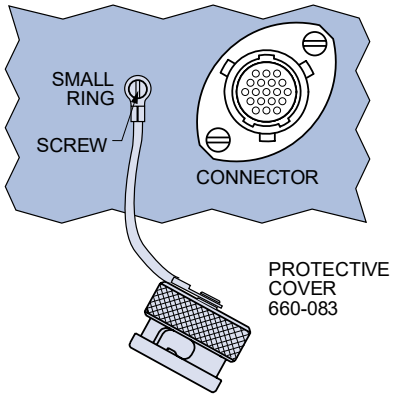
## 660-083 Cover Attachment to RPM Jam Nut Receptacle

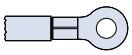




Solid Ring

| Attch. Code | Shell Size | Ring I.D. In. ± .010 | Ring I.D. mm. ±0.25 | Ring O.D. In. ± .015 | Ring O.D. mm. ± 0.38 |
|---|---|---|---|---|---|
| 14 | 5 | .385 | 9.78 | .51 | 12.95 |
| 15 | 6 | .445 | 11.30 | .57 | 14.48 |
| 16 | 7 | .570 | 14.48 | .69 | 17.53 |
| 17 | 8, 9 | .635 | 16.13 | .76 | 19.30 |
| 27 | 10 | .766 | 19.46 | .89 | 22.61 |
| 19 | 12 | .885 | 22.48 | 1.01 | 25.65 |
| 20 | 14 | 1.070 | 27.18 | 1.20 | 30.48 |
| 21 | 15 | 1.135 | 28.83 | 1.25 | 31.75 |

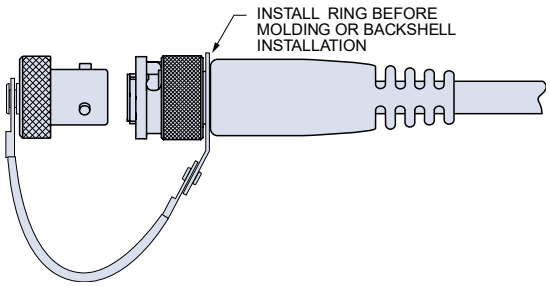
## 660-083 Cover Attachment to Panel



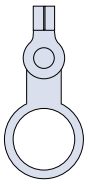


Small Ring for Attaching Receptacle Covers to a Panel with a Screw

| Attch. Code | Screw Size | Ring I.D. In. ±.005 | Ring I.D. mm. ±0.13 | Ring O.D. In. Max. | Ring O.D. mm. Max. |
|---|---|---|---|---|---|
| 01 | #4, M3 | .126 | 3.20 | .31 | 7.9 |
| 02 | #6 | .145 | 3.68 | .31 | 7.9 |
| 04 | #8, M4 | .188 | 4.78 | .31 | 7.9 |
| 06 | #10 | .197 | 5.00 | .31 | 7.9 |

## 660-082 & 083 Cover Attachment to Cable Assembly

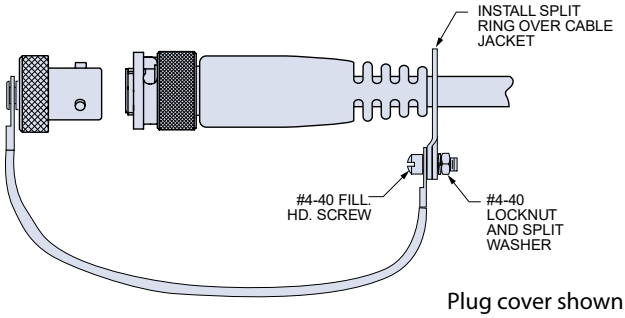



Plug cover shown

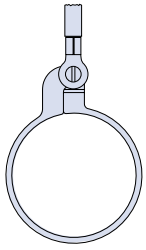

Solid Ring

| Attch. Code | Shell Size | Ring I.D. In. ± .010 | Ring I.D. mm. ±0.25 | Ring O.D. In. ± .015 | Ring O.D. mm. ± 0.38 |
|---|---|---|---|---|---|
| 29 | 5 | .315 | 8.00 | .44 | 11.18 |
| 14 | 6 | .315 | 8.00 | .44 | 11.18 |
| 33 | 7, 8 | .510 | 12.95 | .62 | 15.75 |
| 16 | 9 | .570 | 14.48 | .69 | 17.53 |
| 17 | 10 | .635 | 16.13 | .76 | 19.30 |
| 18 | 12 | .695 | 17.65 | .82 | 20.83 |
| 26 | 14, 15 | .950 | 24.13 | 1.14 | 28.96 |

## 660-082 & 083 Cover Attachment to Cable




Plug cover shown


Large Split Ring for Attaching Covers to Cables

| Attch. Code | Max. Cable Dia. (in.) | Ring Diameter Min. ID In. | Ring Diameter Min. ID mm. | Ring Diameter Max. OD In. | Ring Diameter Max. OD mm. |
|---|---|---|---|---|---|
| 50 | .410 | .420 | 10.67 | .580 | 14.73 |
| 52 | .470 | .480 | 12.19 | .640 | 16.26 |
| 54 | .625 | .635 | 16.13 | .796 | 20.22 |
| 56 | .735 | .745 | 18.92 | .905 | 22.99 |
| 58 | .875 | .885 | 22.48 | 1.046 | 26.57 |
| 60 | 1.000 | 1.010 | 25.65 | 1.171 | 29.74 |
| 64 | 1.115 | 1.125 | 28.58 | 1.285 | 32.64 |
| 68 | 1.335 | 1.345 | 34.16 | 1.505 | 38.23 |

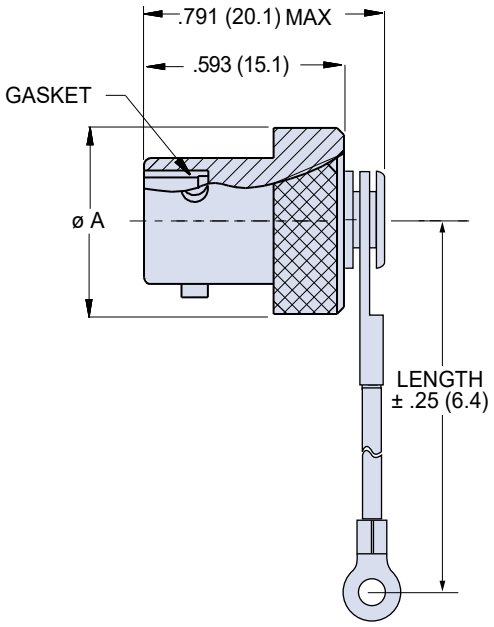


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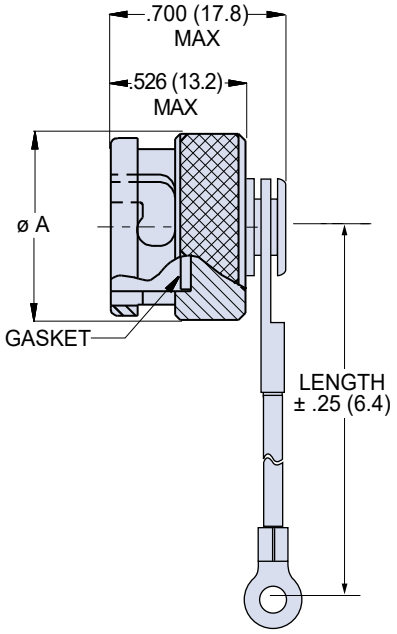
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# Series 803 Mighty Mouse Plug and Receptacle
## ¼ Turn Bayonet Metal Protective Cover




***Plug Cover***
660-082




***Receptacle Cover***
660-083

| Dimensions | | |
|---|---|---|
| | Ø A Max. | |
| Shell Size | In. | mm. |
| 5 | .620 | 15.7 |
| 6 | .620 | 15.7 |
| 7 | .620 | 15.7 |
| 8 | .690 | 17.5 |
| 9 | .760 | 19.3 |
| 10 | .850 | 21.6 |
| 12 | .940 | 23.8 |
| 14 | 1.170 | 29.7 |
| 15 | 1.170 | 29.7 |

| Lanyard Options | |
|---|---|
|  Nylon Rope (G) | -65° to +100°C., black, very flexible, very good abrasion resistance, good resistance to fuels, .120" (3mm) diameter |
|  Polyurethane Coated Wire Rope (U) | Black polyurethane over stainless steel rope, -65° to +125°C., very flexible, excellent abrasion resistance, excellent resistance to fuels, .080" (2mm) diameter |
|  Fluoropolymer Jacketed Wire Rope (H) | Translucent FEP jacket over stainless steel, -65° to +200°C., fair flexibility, good abrasion resistance, .100" diameter |
|  Sash Chain (S) | Stainless steel, #8 chain, .240" (6mm) |
|  Slip Knot (SK) for Attaching Covers to Cable | 65° to +100°C., black, very flexible, very good abrasion resistance, good resistance to fuels, .120" (3mm) diameter. Length includes .5" (13mm) diameter loop. |

## NOTES

1. Materials and Finishes
- Cover: aluminum alloy or stainless steel
- Gasket: fluorosilicone rubber
- Wire,hardware: stainless steel, passivated




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