



**Cables:**

- ⬡ Attached dust cap on each end of the cable
- ⬡ Threaded coupling rated to IP67 when mated
- ⬡ Gold plated contact ensures reliable and repeated connections
- ⬡ PVC molded durable backshells
- ⬡ Available in 1m, 2m, 3m, 4m lengths
- ⬡ HDMI 1.4 performance

**Panel Mount Connectors:**

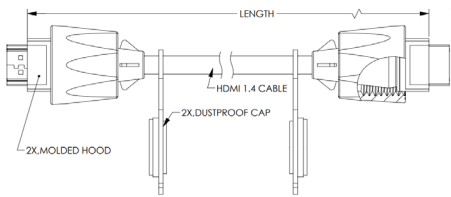
- ⬡ Attached Sealing Cap
- ⬡ Threaded coupling rated to IP67
- ⬡ Gold plated contact ensures reliable and repeated connections

IP67 Waterproof HDMI Cable



PXP0036/XM00

- IP67 Waterproof HDMI Cable
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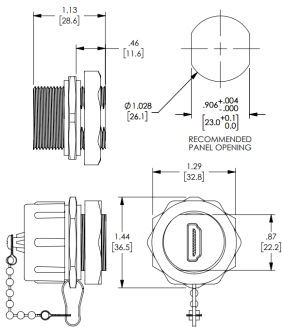
| Part no.     | Length | Description                            |
|--------------|--------|----------------------------------------|
| PXP0036/1M00 | 1m     | IP67 Waterproof HDMI Cable Assembly 1m |
| PXP0036/2M00 | 2m     | IP67 Waterproof HDMI Cable Assembly 2m |
| PXP0036/3M00 | 3m     | IP67 Waterproof HDMI Cable Assembly 3m |
| PXP0036/4M00 | 4m     | IP67 Waterproof HDMI Cable Assembly 4m |

IP67 Waterproof HDMI Panel Mount Coupler with Sealing Cap

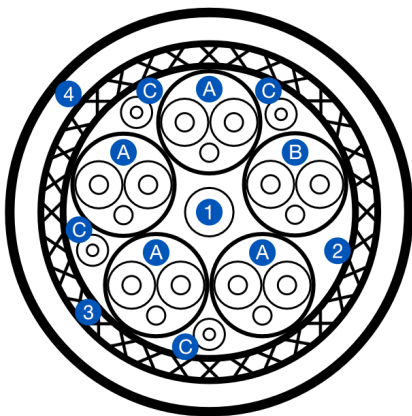


PXP0037

- IP67 Waterproof HDMI Panel Mount Coupler with Sealing Cap
- Attached Sealing Cap
- Threaded couplings rated to IP67 when mated
- Gold plated contact ensures reliable and repeated connections



| Part no. | Description                                    |
|----------|------------------------------------------------|
| PXP0037  | IP67 Waterproof HDMI Front Panel Mount Coupler |



A: Component A (see table)  
B: Component B (see table)  
C: Component C (see table)

- 1. Filler, cotton thread
- 2. Film, alu-side face out + mylar
- 3. Cu braid, 85% coverage
- 4. Black PVC outer jacket

| Component A | TMDS Data & CLK Pairs        |
|-------------|------------------------------|
| Conductor   | 1/0.26(30AWG) Solid OFC      |
| Insulation  | Polyolefin OD: 0.74±0.05     |
| Drain Wire  | 1/0.26(30AWG) Solid OFC      |
| Shielding   | Al Side Face in+ Mylar&Mylar |

| Component B | HDMI eARC Pair (Enhanced Audio Return Channel) |
|-------------|------------------------------------------------|
| Conductor   | 1/0.26(30AWG) Solid OFC                        |
| Insulation  | Polyolefin OD: 0.74±0.05                       |
| Drain Wire  | 1/0.26(30AWG) Solid OFC                        |
| Shielding   | Al Side Face in+ Mylar&Mylar                   |

| Component C | Signal Wires            |
|-------------|-------------------------|
| Conductor   | 1/0.26(30AWG) Solid OFC |
| Insulation  | Foam-PE OD:0.60±0.05    |

### Cable Assembly

| Material    |              |
|-------------|--------------|
| Shroud      | PBT          |
| Hood        | PVC, UL94V-0 |
| O-ring Seal | EPDM         |
| Jacket      | PVC          |
| Dustproof   | PVC          |

| Electrical Testing    |              |
|-----------------------|--------------|
| Insulation Resistance | 20MΩ Min     |
| Conductor Resistance  | 3Ω Max       |
| Voltage               | 300V DC/0.1s |

| Environmental               |               |
|-----------------------------|---------------|
| Ingress Protection Rating   | IP67          |
| Operating Temperature Range | -24°C to 85°C |
| Humidity                    | 10%~90% RH    |

| Miscellaneous        |                              |
|----------------------|------------------------------|
| Cable Outer Diameter | (1M+2M) 6.0mm, (3M+4M) 7.3mm |

### Panel Mount Connector Assembly

| Material             |                      |
|----------------------|----------------------|
| Main Body + Dust Cap | PBT+GF               |
| Hood                 | Molded 25P PVC       |
| Chain                | Bronze Nickel Plated |
| Contact              | Copper Alloy         |
| Shell                | Copper Alloy         |

| Physical Characteristics    |                                  |
|-----------------------------|----------------------------------|
| Mating                      | 44N Max                          |
| Withdrawal                  | 10N min                          |
| Durability                  | 1000 insertion cycles            |
| Operating Temperature Range | -10°C to 60°C                    |
| Storage Temperature Range   | -40°C to 68°C                    |
| Humidity                    | 10% to 90% RH (Non – Condensing) |

| Electrical                      |                                                   |
|---------------------------------|---------------------------------------------------|
| Contact Current Rating          | 0.5A                                              |
| Dielectric Withstanding voltage | 300V AC                                           |
| Insulation Resistance           | Mate 100MΩ min 500VDC<br>Unmate 10MΩ min @ 150VDC |
| Contact Resistance              | 30mΩ Max                                          |