

Housings, Power and Signal Cables, Connector Adapters

Housing E1341-01 (For E5859 series socket assemblies)

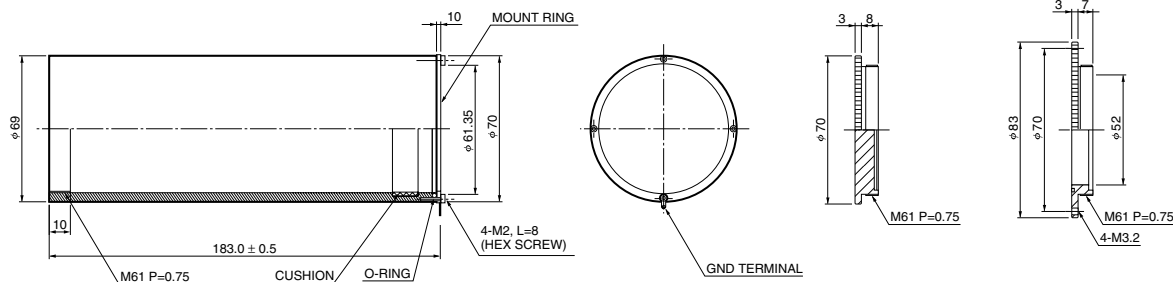


TACCF0177

The E1341-01 is a metal housing designed for 51 mm (2") diameter head-on photomultiplier tubes operated at room temperature. The E1341-01 ensures complete light-shielding and also accommodates a magnetic shield case (E989-62 sold separately).

The E1341-01 housing can be easily attached to a monochromator by preparing a simple adapter. The Copal No. 3 shutter can be directly attached to the E1341-01.

Dimensional Outlines (Unit: mm)



TACCA0228EB

Power and Signal Cables E1168 Series, Connector Adapters A4184 Series



TACCF0153

Hamamatsu offers the E1168 series cables for connection of photomultiplier tube assemblies and their accessories. A variety of cables are available, for handling high voltage, low voltage and signals.

In addition, Hamamatsu also provides the A4184 series connector adapters designed for SHV/MHV connector conversion.

Selection Guide

● For High Voltage

| Type. No. | Cable Type | Cable Diameter | Maximum Voltage | Connector Types |
|-----------|---------------------------------|-----------------------------|-----------------|-----------------|
| E1168 | RG-59B/U (Red) | $\phi 6.2$ mm | 2.3 kV | MHV-P—MHV-P |
| E1168-10 | | | | MHV-P—SHV-P |
| E1168-17 | | | | SHV-P—SHV-P |
| E1168-18 | Custom High Voltage Cable (Red) | $\phi 6.15$ mm ± 0.3 mm | 5 kV | MHV-P—MHV-P |
| E1168-19 | | | | SHV-P—SHV-P |
| E1168-20 | | | | MHV-P—SHV-P |

● For Low Voltage

| Type. No. | Cable Type | Connector Types |
|-----------|---------------------|---------------------------|
| E1168-13 | MVVS 3×0.3 | MC-032—MC-032 |
| E1168-14 | MVVS 2×0.3 | SR30-10PQ-4P—SR30-10PQ-4P |

● For Signal

| Type. No. | Cable Type | Impedance | Connector Types |
|-----------|------------|-------------|-----------------|
| E1168-01 | 3D-2V | 50 Ω | N-P—N-P |
| E1168-02 | | | N-P—BNC-P |
| E1168-03 | 3C-2V | 75 Ω | BNC-P—BNC-P |
| E1168-05 | 3D-2V | 50 Ω | BNC-P—BNC-P |

● Connector Adapters

| Type. No. | Connector Types |
|-----------|-------------------|
| A4184-02 | MHV Plug—SHV Jack |
| A4184-03 | SHV Plug—MHV Jack |

● Relay Adapters

| Type. No. | Connector Types |
|-----------|-------------------|
| A5074 | SHV Jack—SHV Jack |
| A7992 | BNC Jack—BNC Jack |