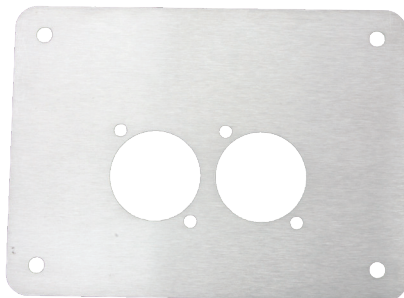


Medical Grade Harsh Environment Wallplates & Patch Cords >

Molex Medical Grade Harsh Environmental products have been created using chemically resistant easy clean materials. They can assist in keeping surfaces clean and sanitary. Molex Antimicrobial Patch cords have been created by incorporating an antibacterial agent (biocide) that can assist in suppressing the growth of bacteria on the surfaces of products when conditions exist where growth can occur.

Molex Medical Grade Products form part of an effective sanitization protocol and are not intended as replacement.



Stainless steel wallplate, field termination plug, harsh environment IP65 patch cord and jack



FEATURES AND ADVANTAGES

Easy to clean wallplates and patch cords assist in the control of bacteria

Smooth stainless steel wallplates for ease of cleaning

10G performance when installed as a complete PowerCat 6A Shielded System

LS0H sheath – patch cords

Double-sided stainless steel wall plates – polished/brushed stainless steel

Locking jack and patch cords – prevents accidental removal

Slim anti-snap slip on boots – patch cords

RoHS Compliant

Molex Antimicrobial Patch Cords are third party tested to ISO 22196:2011

**** Please note the following patch cords are not suitable for PoE applications and must be used in conjunction with our KSJ-00079 Jack and PID-00257 Patch Panel.**

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Medical Grade Harsh Environment Wallplates & Patch Cords >

SPECIFICATIONS

Commercial Standards

Patch Cords

ISO/IEC 11801 2nd Ed Amd 1 Class EA
TIA-568-D.2 Cat 6A
IEC 62368-1
LS0H Sheath
IEC 60332-1
IEC 61034-20
UL 1863

Physical

Patch Cords

Cable

Conductor size

26 AWG stranded copper wire

Screen material

Aluminum/polyester shield with tinned copper drain wire

Nom. O.D. 6.5mm

Sheath Low Smoke Zero Halogen (LS0H)

Bend radius 8X O.D.

Operating temperature range

-25°C to +55°C

Plug

MIN operating life 750 insertion cycles

RJ45 plug material

Clear Polycarbonate (PC)

Boot material Polyvinylchloride (PVC)

Contact material

0.35mm thick copper

Contact plating 1.27µm gold

RJ45 plug dimensions compliant with:

ISO/IEC 60603-7-51 and FCC 47 Part 68

Wallplates

Material: Stainless Steel

Dimensions:

1 Port: 77.6mm x 77.6mm

2 Port: 105mm x 77.6mm

4 Port: 106.7mm x 77.6mm

PoE

Our PowerCat 6A system is suitable for the most demanding PoE applications:

IEEE 802.3bt from Type 1 to Type 4, and CISCO UPoE+

HD Base-T PoH up to 100W

RP3 compliant as defined by EN 50174-2:2018, ISO/IEC 14763-2:2019 and AS/NZS 14763.2:2020

Notes:

For new installations of PoE Type 3 / Class 5 and above that wish to be eligible for the Molex 25 year Application Assurance Warranty, we require Category 6A cable to be used throughout.

To confirm your PoE / RP3 cabling design is eligible for the Molex 25 year Application Assurance Warranty, your design must be verified and validated with the Molex PoE Calculator. Read more <https://www.molexces.com/poe-calculator>

Molex recommends that the PoE feature on an individual switch port are power disabled prior to unplugging the associated powered Device.

Molex recommends that the full range of PowerCat 6A products be used in a system to maximize cabling and PoE performance. Details on Molex requirements for Warranty can be found at <https://www.molexces.com/about-us/our-warranty/>

Medical Grade Harsh Environment Wallplates & Patch Cords >

ORDERING INFORMATION

Order No.	SAP No.	Description
IP65 Harsh Environment		
PCD-07137-BK	183162401	Patch Cord C6A IP65 RJ45- Plug RJ45 1.0m Black
PCD-07138-BK	183162402	Patch Cord C6A IP65 RJ45- Plug RJ45 1.5m Black
PCD-07139-BK	183162403	Patch Cord C6A IP65 RJ45- Plug RJ45 2.0m Black
PCD-07140-BK	183162404	Patch Cord C6A IP65 RJ45- Plug RJ45 3.0m Black
PCD-07141-BK	183162405	Patch Cord C6A IP65 RJ45- Plug RJ45 5.0m Black
Outdoor Push-Pull		
PCD-07142	183162406	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 1.0M Black
PCD-07143	183162407	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 1.5M Black
PCD-07144	183162408	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 2.0M Black
PCD-07145	183162409	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 3.0M Black
PCD-07146	183162410	Patch Cords C6A Outdoor Push Pull Locking Shielded LS0H 5.0M Black
Antimicrobial		
HPCD-07147-0W	183162411	Patch Cord Antimicrobial C6A Shielded Plug 1.0m LS0H White
HPCD-07148-0W	183162412	Patch Cord Antimicrobial C6A Shielded Plug 1.5m LS0H White
HPCD-07149-0W	183162413	Patch Cord Antimicrobial C6A Shielded Plug 2.0m LS0H White
HPCD-07150-0W	183162414	Patch Cord Antimicrobial C6A Shielded Plug 3.0m LS0H White
HPCD-07151-0W	183162415	Patch Cord Antimicrobial C6A Shielded Plug 5.0m LS0H White
Outlets and Connectors		
KSP-00004	183010129	Plug C6A Field Termination IP65
KSJ-00095	183010131	Jack C6A STP-IP65
WSS-00012	181260005	Wallplate Stainless Steel- Bulk Head Jack - 1P
WSS-00013	181260006	Wallplate Stainless Steel- Bulk Head Jack - 2P
WSS-00014	181260007	Wallplate Stainless Steel- Bulk Head Jack - 4P
ADA-00007	180140067	Sealing Cover for Push-Pull Jack - C6A

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