



RJ-45

SERIES

RJ45 Receptacle (Plastic)

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	Nylon+GF and PBT
Shell / Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A or 2A
Voltage Rating	48V or 56V
Contact Resistance	≤ 40mΩ
Insulation Resistance	≥ 500MΩ at DC 100V
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	Screw Thread
Max Panel Thickness	4.0mm (Without Cap Chain)
Temperature Range	With Jack -40°C ~ +105°C With Cable -40°C ~ +85°C
Salt Spray	48 hr.
Protection Class	IPX7 or IPX8 (Unmated)
Durability	1000 Times

How to Order

RPCPJ08 X XX - SC X X XXX

Contact Type
G - Shield & Ground Pin
N - Non-Shield & Ground Pin

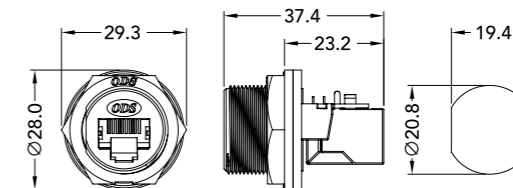
Components Spec.
5E - Cat 5e Components
06 - Cat 6 Components
PE - Cat 5e 2A Components

Serial Number

IP Rating

Assembly Style
S - Panel With Cable + Plug
P - PCB Type
J - Socket Conn. With Jack Type

RJ45 Receptacle (Plastic) Front Fastened, IPX8

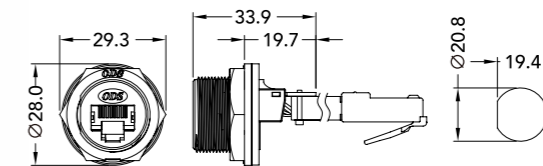


Features and Benefits

- Screw Thread mating type
- Standard RJ45 patchcord can be plugged into rear
- Size 13/16"-28UN
- Cat 5e & Cat 6 shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RPCPJ08G5E-SCJ8001	Cat5e	1A	48V	Shielded Pin	Jack Straight
RPCPJ08G5E-SCJ8002	Cat5e	1A	48V	Shielded Pin	Jack Right Angle
RPCPJ08G5E-SCJ8003	Cat5e	1A	48V	Shielded Pin	Jack Straight
RPCPJ08G5E-SCJ8004	Cat5e	1A	48V	Shielded Pin	Jack Right Angle
RPCPJ08GPE-SCJ8001	Cat5e	2A	56V	Shielded Pin	Jack Straight
RPCPJ08GPE-SCJ8002	Cat5e	2A	56V	Shielded Pin	Jack Right Angle
RPCPJ08GPE-SCJ8003	Cat5e	2A	56V	Shielded Pin	Jack Straight
RPCPJ08GPE-SCJ8004	Cat5e	2A	56V	Shielded Pin	Jack Right Angle
RPCPJ08G06-SCJ8001	Cat6	1A	48V	Shielded Pin	Jack Straight
RPCPJ08G06-SCJ8002	Cat6	1A	48V	Shielded Pin	Jack Right Angle
RPCPJ08G06-SCJ8003	Cat6	1A	48V	Shielded Pin	Jack Straight
RPCPJ08G06-SCJ8004	Cat6	1A	48V	Shielded Pin	Jack Right Angle

RJ45 Receptacle (Plastic) Front Fastened, IPX8

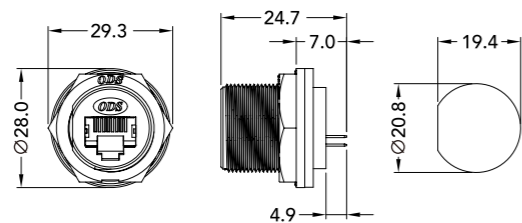


Features and Benefits

- Screw Thread mating type
- With pre-terminated RJ45 Plug-end
- Size 13/16"-28UN
- Cat 5e & Cat 6 shielded/unshielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RPCPJ08G5E-SCS8001	Cat5e	1A	48V	FTP CAT5E	Shielded Pin	Cable End Plug
RPCPJ08G5E-SCS8002	Cat5e	1A	48V	FTP CAT5E	Shielded Pin	Cable End Plug
RPCPJ08N5E-SCS8001	Cat5e	1A	48V	UTP CAT5E	Unshielded	Cable End Plug
RPCPJ08N5E-SCS8002	Cat5e	1A	48V	UTP CAT5E	Unshielded	Cable End Plug
RPCPJ08GPE-SCS8001	Cat5e	2A	56V	FTP CAT5E	Shielded Pin	Cable End Plug
RPCPJ08GPE-SCS8002	Cat5e	2A	56V	FTP CAT5E	Shielded Pin	Cable End Plug
RPCPJ08NPE-SCS8001	Cat5e	2A	56V	UTP CAT5E	Unshielded	Cable End Plug
RPCPJ08NPE-SCS8002	Cat5e	2A	56V	UTP CAT5E	Unshielded	Cable End Plug
RPCPJ08G06-SCS8001	Cat6	1A	48V	FTP CAT6	Shielded Pin	Cable End Plug
RPCPJ08G06-SCS8002	Cat6	1A	48V	FTP CAT6	Shielded Pin	Cable End Plug

RJ45 Receptacle (Plastic) Front Fastened, IPX8

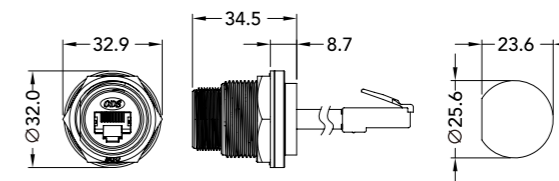


Features and Benefits

- Screw Thread mating type
- PCB mounted panel connector
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RPCPJ08G5E-SCP8001	Cat5e	1A	48V	Shielded Pin	PCB Straight

RJ45 Receptacle (Plastic) Front Fastened, IPX8

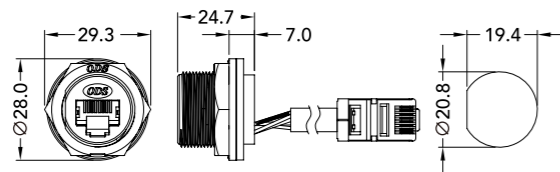


Features and Benefits

- Screw Thread mating type
- With pre-terminated RJ45 Plug-end
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RPCPJ08G5E-SCS8004	Cat5e	1A	48V	FTP CAT5E	Shielded Pin	Cable End Plug

RJ45 Receptacle (Plastic) Front Fastened, IPX8

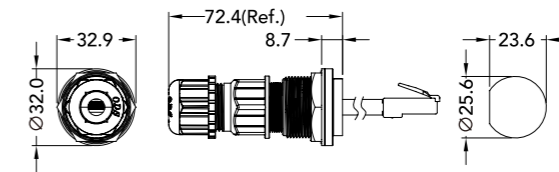


Features and Benefits

- Screw Thread mating type
- With pre-terminated RJ45 Plug-end
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RPCPJ08G5E-SCS8005	Cat5e	1A	48V	FTP CAT5E	Shielded Pin	Cable End Plug

RJ45 Receptacle (Plastic) Front Fastened, IPX7



Features and Benefits

- Screw Thread mating type
- Panel Feed Thru-Accessory
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RPCPJ08G5E-SCS7001	Cat5e	1A	48V	FTP CAT5E	Shielded Pin	Cable End Plug

RJ45 Receptacle & Cable Assembly (Plastic)

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	Nylon+GF and PBT or PC
Shell / Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A or 2A
Voltage Rating	48V or 56V
Contact Resistance	≤ 40mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	Screw Thread
Temperature Range	-20°C ~ +80°C
Salt Spray	48 hr.
Profecion Class	IPX7
Durability	1000 Times

How to Order

RPCX X 08 X XX - SLC7 X XX

Style
A - Molding Cable With S/R
P - Panel Front Mounting

Connector Style
P - Plug Connector
J - Jack Connector

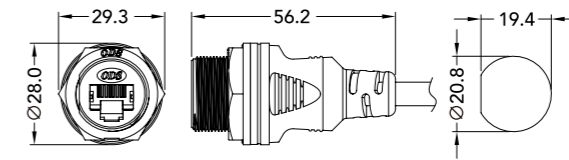
Contact Type
G - Shield & Ground Pin
N - Non-Shield & Ground Pin

Components Spec.
5E - Cat 5e Components
06 - Cat 6 Components
PE - Cat 5e 2A Components

Length (M)
01~99 = 1M~99M

Cable Type
D - UTP Cable
E - FTP Cable

RJ45 Receptacle (Plastic) Front Fastened, IPX7

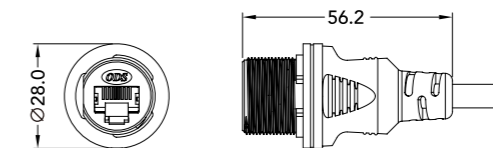


Features and Benefits

- Screw Thread mating type
- Panel overmolded with cable
- Size 13/16"-28UN
- Cat 5e shielded / unshielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type
RPCPJ08G5E-SLC7EXX	Cat5e	1A	48V	FTP CAT5E	Shielded Pin
RPCPJ08GPE-SLC7EXX	Cat5e	2A	56V	FTP CAT5E	Shielded Pin
RPCPJ08N5E-SLC7DXX	Cat5e	1A	48V	UTP CAT5E	Unshielded
RPCPJ08NPE-SLC7DXX	Cat5e	2A	56V	UTP CAT5E	Unshielded

RJ45 Cable Assembly (Plastic) Straight, IPX7

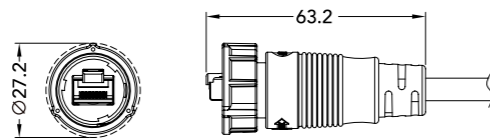


Features and Benefits

- Screw Thread mating type
- Panel overmolded with cable
- Size 13/16"-28UN
- Cat 5e shielded / unshielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type
RPCAJ08G5E-SLC7EXX	Cat5e	1A	48V	FTP CAT5E	Shielded Pin
RPCAJ08GPE-SLC7EXX	Cat5e	2A	56V	FTP CAT5E	Shielded Pin
RPCAJ08N5E-SLC7DXX	Cat5e	1A	48V	UTP CAT5E	Unshielded
RPCAJ08NPE-SLC7DXX	Cat5e	2A	56V	UTP CAT5E	Unshielded

RJ45 Cable Assembly (Plastic) Straight, IPX7



Features and Benefits

- Screw Thread mating type
- Mates with screw-threaded panel mounting connectors
- Size 13/16"-28UN
- Cat 5e & Cat 6 shielded / unshielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type
RPCAP08G5E-SLC7EXX	Cat5e	1A	48V	FTP CAT5E	Shielded Pin
RPCAP08N5E-SLC7DXX	Cat5e	1A	48V	UTP CAT5E	Unshielded
RPCAP08G06-SLC7EXX	Cat6	1A	48V	FTP CAT6	Shielded Pin
RPCAP08N06-SLC7DXX	Cat6	1A	48V	UTP CAT6	Unshielded

RJ45 Field Installable (Plastic)

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	PC
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A
Voltage Rating	48V
Contact Resistance	≤ 40mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	Screw Thread
Temperature Range	With Plug: -40°C ~ +85°C Without Plug: -40°C ~ +105°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

How to Order

RPCD X 08 X XX - SLG7 XXX

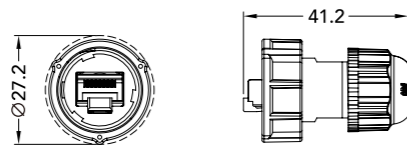
Connector Style
P - Plug Connector
A - Accessory

Contact Type
G - Shield & Ground Pin
N - Non-Shield & Ground Pin

Components Spec.
5E - Cat 5e Components
06 - Cat 6 Components
00 - Non Spec.

Serial Number

RJ45 Field Installable (Plastic) Straight, IPX7

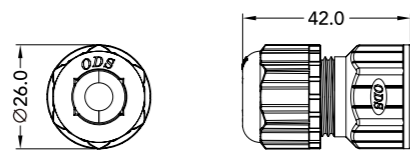


Features and Benefits

- Screw Thread mating type
- Mates with screw-threaded panel mounting connectors
- Size 13/16"-28UN
- Cat 5e shielded / unshielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Cable Range
RPCDP08N00-SLG7001	Plug Tube	1A	48V	Unshielded	Φ5.5mm~Φ7.0mm
RPCDP08G5E-SLG7001	Cat5e	1A	48V	Shielded Pin	Φ5.5mm~Φ7.0mm
RPCDP08N5E-SLG7001	Cat5e	1A	48V	Unshielded	Φ5.5mm~Φ7.0mm
RPCDP08G06-SLG7001	Cat6	1A	48V	Shielded Pin	Φ5.5mm~Φ7.0mm

RJ45 Field Installable (Plastic) Straight, IPX7



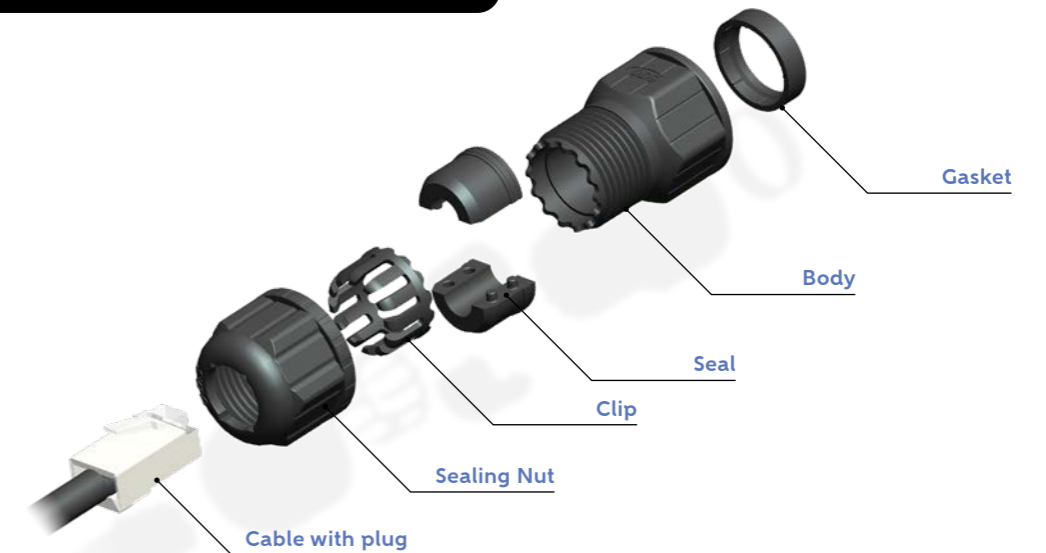
Features and Benefits

- Screw Thread mating type
- For Field termination assembly
- Size 13/16"-28UN
- The plug can pass through in the accessory
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Cable Range
RPCDA08N00-SLG7001	Plug Tube	1A	48V	Unshielded	Φ5.5mm~Φ7.0mm

RJ45 Field Installable (Plastic)

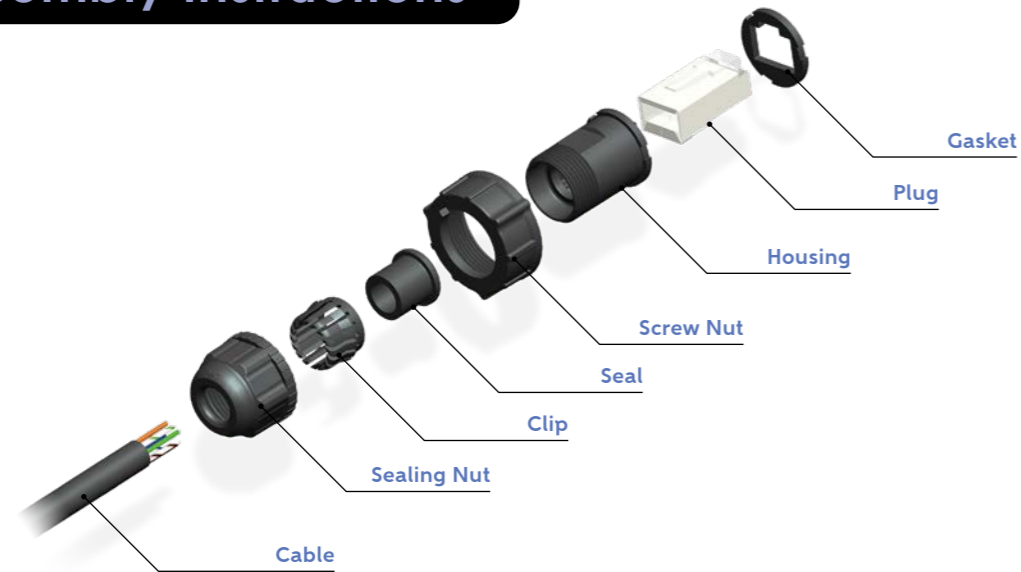
Assembly Instructions



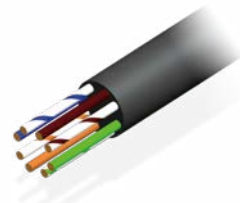
1. Insert the cable through the sealing nut, clip, body.
2. Insert the cable into the socket.
3. Avoid gasket damage by plug latch when assembled.
4. Connect and tighten the body.
5. Assemble the seals.
6. Connect the seals and the clip respectively.
7. Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

RJ45 Field Installable (Plastic Nut)

Assembly Instructions



1



Strip the cable sheath and insulation.

2



Insert the cable through the sealing nut, clip, seal, screw nut and housing.

3



Insert cable into plug using hand tool.

4



Insert the screw nut.

5



Connect the seal and the clip respectively.

6



Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

7



Insert the gasket.

RJ45 Adaptor

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	Nylon+GF and PBT or PC
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A
Voltage Rating	48V
Contact Resistance	$\leq 40\text{m}\Omega$
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	Screw Thread
Temperature Range	-20°C ~ +80°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

How to Order

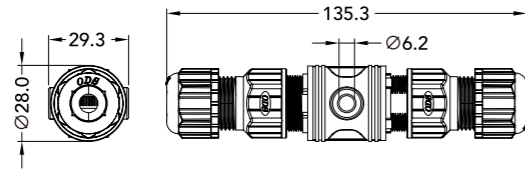
RPCX J08 G 5E - SCA7 XXX

Style

P - Panel Front Mounting
D - Ass'y Type Without S/R

Serial Number

RJ45 Adaptor (Plastic) Inline Adaptor, IPX7 (Mated)

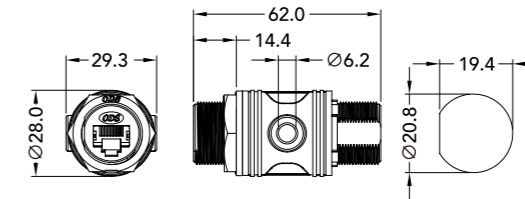


Features and Benefits

- Screw Thread mating type
- In-line RJ45 socket adaptor with 2-ends accessory
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- The plug can pass through in the accessory
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type	Cable Range
RPCDJ08G5E-SCA7001	Cat5e	1A	48V	Shielded Pin	Plug	Φ5.5mm~Φ7.0mm

RJ45 Adaptor (Plastic) Inline Adaptor, IPX7 (Mated)

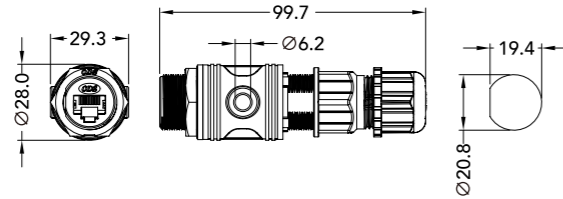


Features and Benefits

- Screw Thread mating type
- In-line RJ45 socket adaptor
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RPCPJ08G5E-SCA7001	Cat5e	1A	48V	Shielded Pin	Jack Straight

RJ45 Adaptor (Plastic) Inline Adaptor, IPX7 (Mated)



Features and Benefits

- Screw Thread mating type
- In-line RJ45 socket adaptor with 1-end accessory
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- The plug can pass through in the accessory
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type	Cable Range
RPCDJ08G5E-SCA7002	Cat5e	1A	48V	Shielded Pin	Plug	Φ5.5mm~Φ7.0mm

RJ45 Receptacle (Plastic)

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	Nylon+GF and PBT
Shell / Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A
Voltage Rating	48V
Contact Resistance	≤ 40mΩ
Insulation Resistance	≥ 500MΩ at DC 100V
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	3-Point (RJ45 Bayonet Lock)
Max Panel Thickness	6.5mm (Without Cap Chain)
Temperature Range	With Jack -40°C ~ +105°C With Cable -40°C ~ +85°C
Salt Spray	48 hr.
Protection Class	IPX8 (Unmated)
Durability	1000 Times

How to Order

RPCPJ08 X XX - KC X 8 XXX

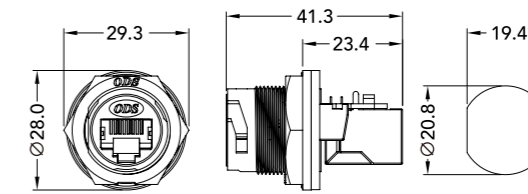
Contact Type
G - Shield & Ground Pin
N - Non-Shield & Ground Pin

Components Spec.
5E - Cat 5e Components
06 - Cat 6 Components

Assembly Style
S - Panel With Cable + Plug
P - PCB Type
J - Socket Conn. With Jack Type

Serial Number

RJ45 Receptacle (Plastic) Front Fastened, IPX8

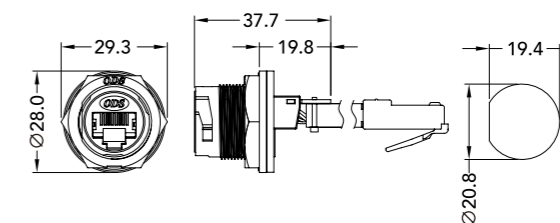


Features and Benefits

- 3-Point RJ45 Bayonet Lock
- Standard RJ45 patchcord can be plugged into rear
- Size 13/16"-28UN
- Cat 5e & Cat 6 shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RPCPJ08G5E-KCJ8001	Cat5e	1A	48V	Shielded Pin	Jack Straight
RPCPJ08G5E-KCJ8002	Cat5e	1A	48V	Shielded Pin	Jack Right Angle
RPCPJ08G5E-KCJ8003	Cat5e	1A	48V	Shielded Pin	Jack Straight
RPCPJ08G5E-KCJ8004	Cat5e	1A	48V	Shielded Pin	Jack Right Angle
RPCPJ08G06-KCJ8001	Cat6	1A	48V	Shielded Pin	Jack Straight
RPCPJ08G06-KCJ8003	Cat6	1A	48V	Shielded Pin	Jack Straight

RJ45 Receptacle (Plastic) Front Fastened, IPX8

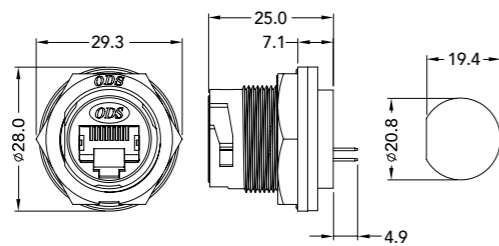


Features and Benefits

- 3-Point RJ45 Bayonet Lock
- With pre-terminated RJ45 Plug-end
- Size 13/16"-28UN
- Cat 5e & Cat 6 shielded/unshielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RPCPJ08G5E-KCS8001	Cat5e	1A	48V	FTP CAT5E	Shielded Pin	Cable End Plug
RPCPJ08G5E-KCS8002	Cat5e	1A	48V	FTP CAT5E	Shielded Pin	Cable End Plug
RPCPJ08N5E-KCS8001	Cat5e	1A	48V	UTP CAT5E	Unshielded	Cable End Plug
RPCPJ08N5E-KCS8002	Cat5e	1A	48V	UTP CAT5E	Unshielded	Cable End Plug
RPCPJ08G06-KCS8001	Cat6	1A	48V	FTP CAT6	Shielded Pin	Cable End Plug
RPCPJ08G06-KCS8002	Cat6	1A	48V	FTP CAT6	Shielded Pin	Cable End Plug

RJ45 Receptacle (Plastic) Front Fastened, IPX8

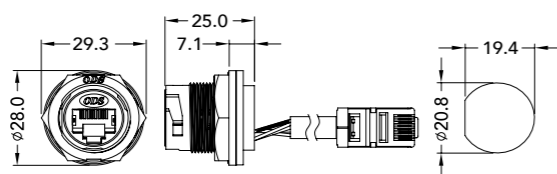


Features and Benefits

- 3-Point RJ45 Bayonet Lock
- PCB mounted panel connector
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RPCPJ08G5E-KCP8001	Cat5e	1A	48V	Shielded Pin	PCB Straight

RJ45 Receptacle (Plastic) Front Fastened, IPX8



Features and Benefits

- 3-Point RJ45 Bayonet Lock
- With pre-terminated RJ45 Plug-end
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RPCPJ08G5E-KCS8003	Cat5e	1A	48V	FTP CAT5E	Shielded Pin	Cable End Plug

RJ45 Cable Assembly & Field Installable (Plastic)

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	PC
Shell / Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A
Voltage Rating	48V
Contact Resistance	≤ 40mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	3-Point (RJ45 Bayonet Lock)
Temperature Range	Cable Ass'y: -20°C ~ +80°C With Plug: -40°C ~ +85°C Without Plug: -40°C ~ +105°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

How to Order

RPCAP08 X XX - KLC7 X XX

Contact Type

G - Shield & Ground Pin
N - Non-Shield & Ground Pin

Components Spec.

5E - Cat 5e Components
06 - Cat 6 Components

Length (M)

01~99 = 1M~99M

Cable Type

D - UTP Cable
E - FTP Cable

RPCDP08 X XX - KLG7 XXX

Contact Type

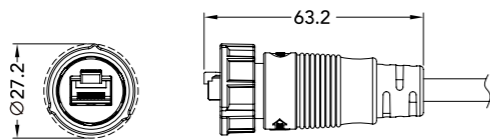
G - Shield & Ground Pin
N - Non-Shield & Ground Pin

Components Spec.

5E - Cat 5e Components
06 - Cat 6 Components
00 - Non Spec.

Serial Number

RJ45 Cable Assembly (Plastic) Straight, IPX7

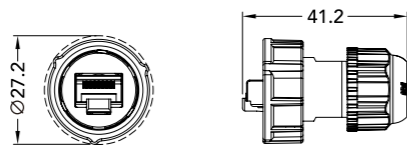


Features and Benefits

- 3-Point RJ45 Bayonet Lock
- Mates with 3-Point mated panel mounting connectors
- Size 13/16"-28UN
- Cat 5e & Cat 6 shielded / unshielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type
RPCAP08G5E-KLC7EXX	Cat5e	1A	48V	FTP CAT5E	Shielded Pin
RPCAP08N5E-KLC7DXX	Cat5e	1A	48V	UTP CAT5E	Unshielded
RPCAP08G06-KLC7EXX	Cat6	1A	48V	FTP CAT6	Shielded Pin
RPCAP08N06-KLC7DXX	Cat6	1A	48V	UTP CAT6	Unshielded

RJ45 Field Installable (Plastic) Straight, IPX7



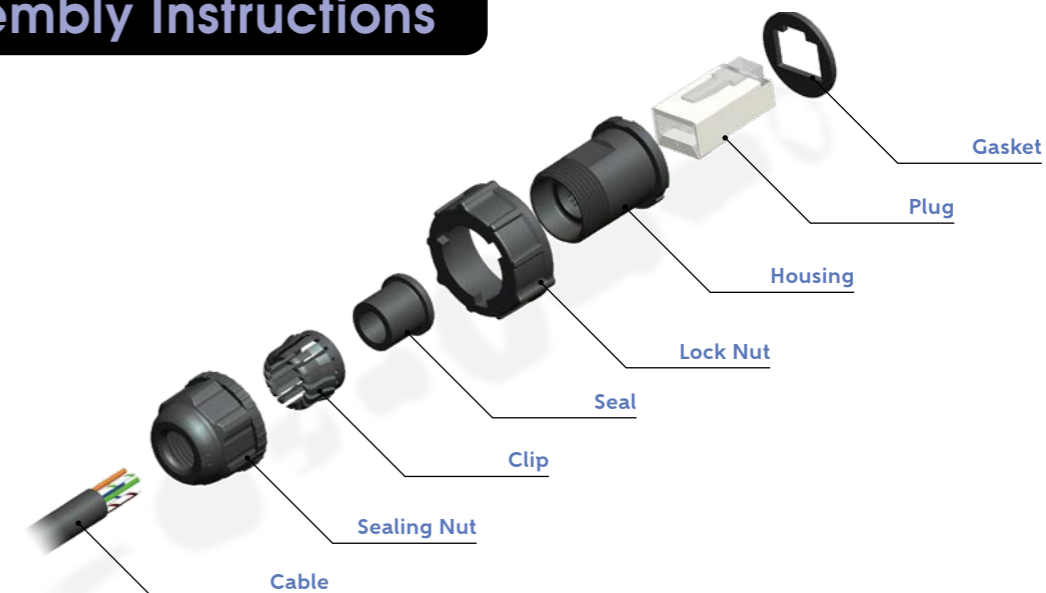
Features and Benefits

- 3-Point RJ45 Bayonet Lock
- For Field termination assembly
- Size 13/16"-28UN
- Mates with 3-Point mated panel mounting or cable mounting connectors
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type	Cable Range
RPCDP08N00-KLG7001	Plug Tube	1A	48V	Unshielded	Plug	Φ5.5mm~Φ7.0mm
RPCDP08G5E-KLG7001	Cat5e	1A	48V	Shielded Pin	Plug	Φ5.5mm~Φ7.0mm
RPCDP08N5E-KLG7001	Cat5e	1A	48V	Unshielded	Plug	Φ5.5mm~Φ7.0mm
RPCDP08G06-KLG7001	Cat6	1A	48V	Shielded Pin	Plug	Φ5.5mm~Φ7.0mm

RJ45 Field Installable (Plastic Nut)

Assembly Instructions



1



Strip the cable sheath and insulation.

2



Insert the cable through the sealing nut, clip, seal, lock nut and housing.

3



Insert cable into plug using hand tool.

4



Insert the lock nut.

5



Connect the seal and the clip respectively.

6



Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

7



Insert the gasket.

RJ45 Cable Assembly & Field Installable

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	Nylon+GF and PBT
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A
Voltage Rating	48V
Contact Resistance	≤ 40mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	3-Point (RJ45 Bayonet Lock)
Temperature Range	Cable Ass'y: -20°C ~ +80°C Field Installable: -40°C ~ +85°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

How to Order

RPSAJ08 X 5E - KLC7 X XX

Contact Type

G - Shield & Ground Pin
N - Non-Shield & Ground Pin

Length (M)

01~99 = 1M~99M

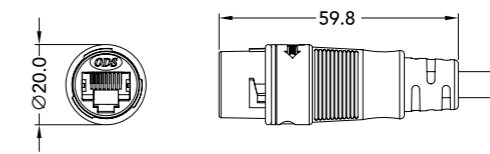
Cable Type

D - UTP Cable
E - FTP Cable

RPSDP08N00- KLG7 XXX

Serial Number

RJ45 Cable Assembly (Plastic) Straight, IPX7

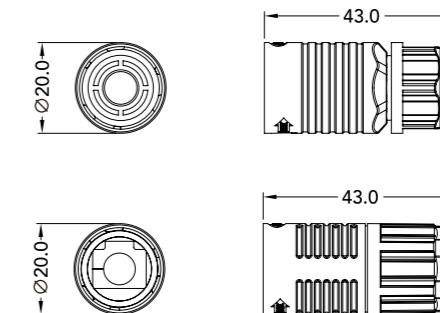


Features and Benefits

- 3-Point RJ45 Bayonet Lock
- Mates with 3-Point mated panel mounting connectors
- Size M18
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RPSAJ08G5E-KLC7EXX	Cat5e	1A	48V	FTP CAT5E	Shielded Pin	Cable End Cut
RPSAJ08N5E-KLC7DXX	Cat5e	1A	48V	UTP CAT5E	Unshielded	Cable End Cut

RJ45 Field Installable (Plastic) Straight, IPX7



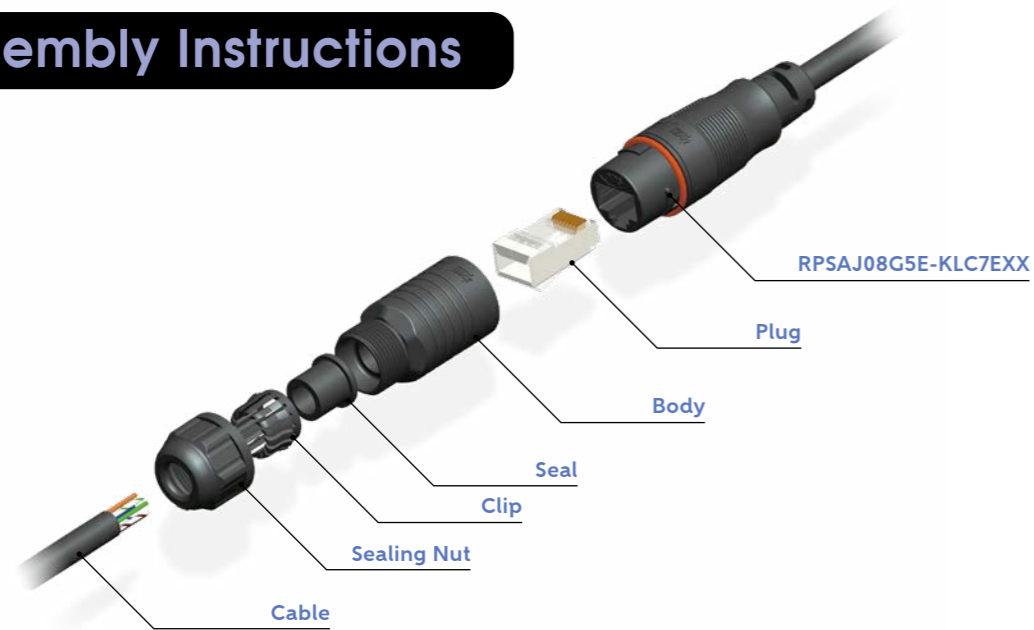
Features and Benefits

- 3-Point RJ45 Bayonet Lock
- For Field termination assembly
- Size M18
- The plug can pass through in the body
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type	Cable Range
RPSDP08N00-KLG7001	Plug Tube	1A	48V	Unshielded	Plug	Φ5.5mm~Φ7.0mm
RPSDP08N00-KLG7002	Plug Tube	1A	48V	Unshielded	Plug	Φ5.5mm~Φ7.0mm

RJ45 Field Installable (001)

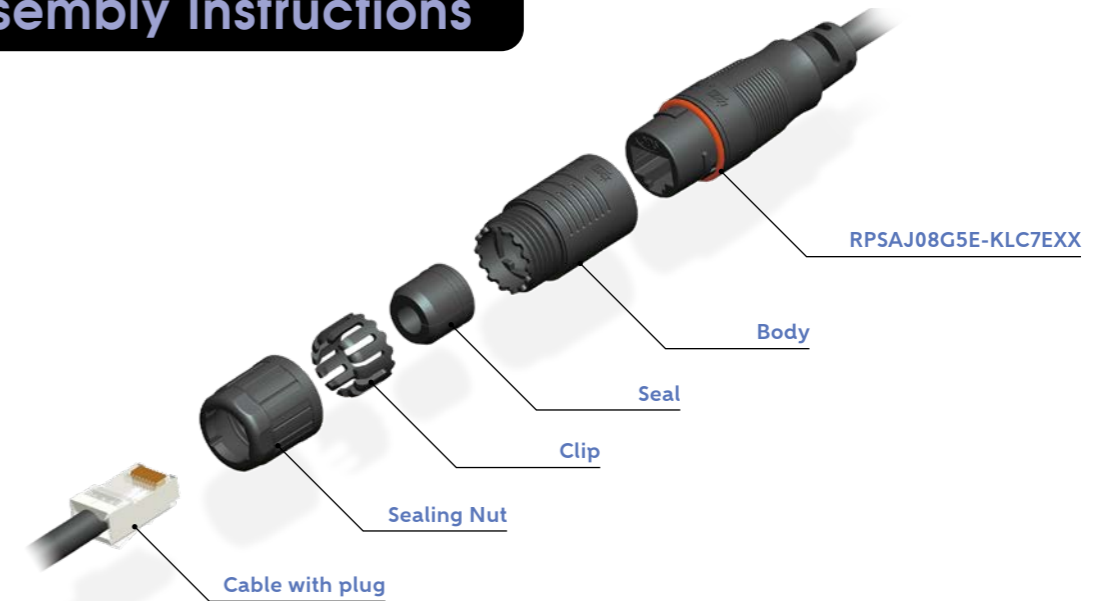
Assembly Instructions



- 1 Strip the cable sheath and insulation.
- 2 Insert the cable through the sealing nut, clip, seal and body.
- 3 Insert cable into plug using hand tool.
- 4 Insert the cable into the socket.
- 5 Connect and tighten the body.
- 6 Connect the seal and the clip respectively.
- 7 Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

RJ45 Field Installable (002)

Assembly Instructions



- 1 Cable with plug.
- 2 Insert the cable into the socket.
- 3 Connect and tighten the body.
- 4 Connect the seal and the clip respectively.
- 5 Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.
- 6 Connect the seal and the clip respectively.
- 7 Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

RJ45 Receptacle (Plastic)

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	Nylon+GF and PBT
Shell / Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

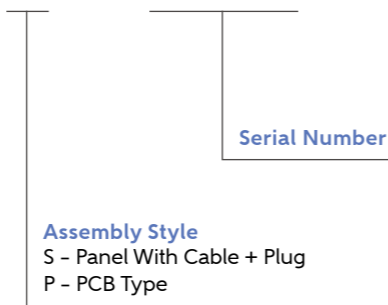
Current Rating	1A
Voltage Rating	48V
Contact Resistance	≤ 40mΩ
Insulation Resistance	≥ 500MΩ at DC 100V
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

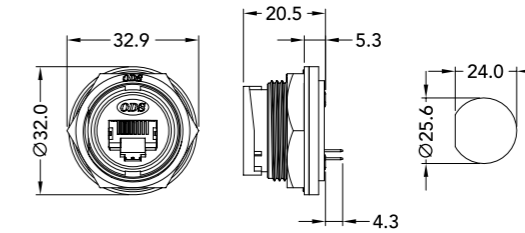
Mating Style	2-Point RJ45 Bayonet Lock
Max Panel Thickness	5.0mm (Without Cap Chain)
Temperature Range	With Jack -40°C ~ +105°C With Cable -40°C ~ +85°C
Salt Spray	48 hr.
Protection Class	IPX7 (Unmated)
Durability	1000 Times

How to Order

RPDPJ08G5E- LC X 8 XXX



RJ45 Receptacle (Plastic) Front Fastened, IPX7

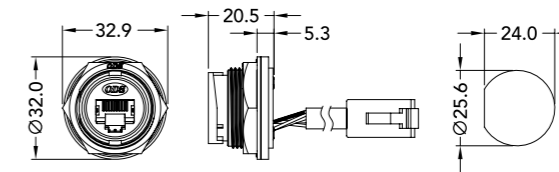


Features and Benefits

- 2-Point RJ45 Bayonet Lock
- PCB mounted panel connector
- Size 1"-20UNEF
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RPDPJ08G5E-LCP8001	Cat5e	1A	48V	Shielded Pin	PCB Straight

RJ45 Receptacle (Plastic) Front Fastened, IPX7



Features and Benefits

- 2-Point RJ45 Bayonet Lock
- With pre-terminated RJ45 Plug-end
- Size 1"-20UNEF
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RPDPJ08G5E-LCS8001	Cat5e	1A	48V	Shielded Pin	Cable End Cut

RJ45 Cable Assembly & Field Installable

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	PC
Screw Nut	Nylon+GF
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A
Voltage Rating	48V
Contact Resistance	≤ 40mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	2-Point RJ45 Bayonet Lock
Temperature Range	Cable Ass'y: -20°C ~ +80°C Field Installable: -40°C ~ +85°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

How to Order

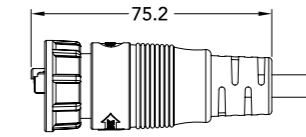
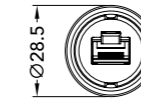
RPDAP08G5E - LLC7E **XX**

Length (M)
01~99 = 1M~99M

RPDDP08G5E-LLG7 **XXX**

Serial Number

RJ45 Cable Assembly (Plastic) Straight, IPX7

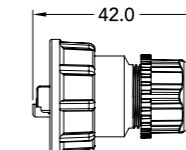
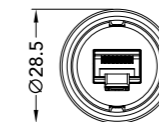


Features and Benefits

- 2-Point RJ45 Bayonet Lock
- Mates with 2-Point mated panel mounting connectors
- Size 1"-20UNEF
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type
RPDAP08G5E-LLC7EXX	Cat5e	1A	48V	FTP CAT5E	Shielded Pin

RJ45 Field Installable (Plastic) Straight, IPX7



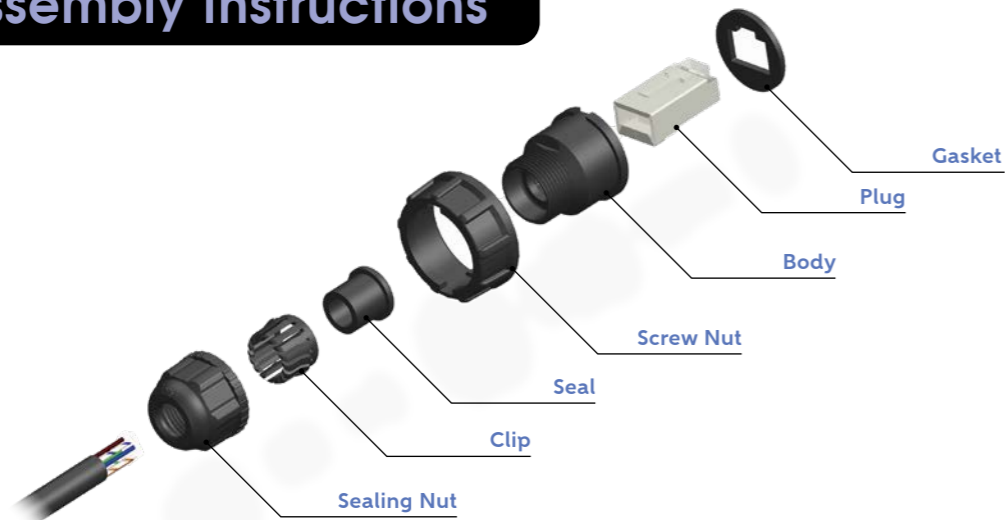
Features and Benefits

- 2-Point RJ45 Bayonet Lock
- For Field termination assembly
- Size 1"-20UNEF
- The plug can pass through in the body
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type	Cable Range
RPDDP08G5E-LLG7001	Cat5e	1A	48V	Shielded Pin	Plug	Φ5.5mm~Φ7.0mm

RJ45 Field Installable

Assembly Instructions



- 1** Strip the cable sheath and insulation.
- 2** Insert the cable through the sealing nut, clip, seal, lock nut and housing.
- 3** Insert cable into plug using hand tool.
- 4** Insert the lock nut.
- 5** Connect the seal and the clip respectively.
- 6** Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.
- 7** Insert the gasket.

RJ45 Receptacle (Metal)

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	Nylon+GF and PBT
Shell / Screw Nut	Zinc Alloy, Nickel Plated
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A or 2A
Voltage Rating	48V or 56V
Contact Resistance	≤ 40mΩ
Insulation Resistance	≥ 500MΩ at DC 100V
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	Screw Thread
Max Panel Thickness	4.3mm (Without Cap Chain)
Temperature Range	With Jack -40°C ~ +105°C With Cable -40°C ~ +85°C
Salt Spray	48 hr.
Protection Class	IPX8 (Mated)
Durability	1000 Times

How to Order

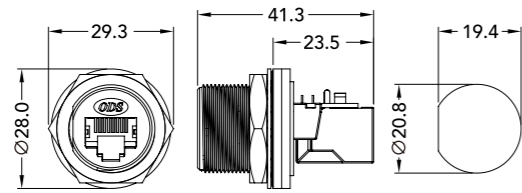
RMCPJ08G **XX** - SC **X** 8 **XXX**

Components Spec.
06 - Cat 6 Components
PE - Cat 5e 2A Components

Assembly Style
S - Panel With Cable + Plug
J - Socket Conn. With Jack Type

Serial Number

RJ45 Receptacle (Metal) Front Fastened, IPX8

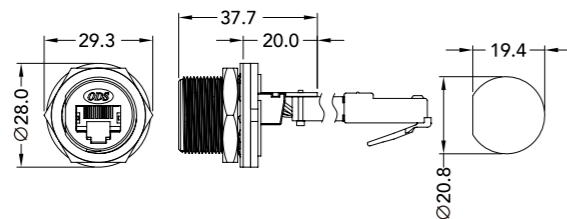


Features and Benefits

- Screw Thread mating type
- Standard RJ45 patchcord can be plugged into rear
- Size 13/16"-28UN
- Cat 5e & Cat 6 shielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RMCPJ08GPE-SCJ8001	Cat5e	2A	56V	Shielded Shell	Jack Straight
RMCPJ08GPE-SCJ8002	Cat5e	2A	56V	Shielded Shell	Jack Right Angle
RMCPJ08G06-SCJ8001	Cat6	1A	48V	Shielded Shell	Jack Straight

RJ45 Receptacle (Metal) Front Fastened, IPX8



Features and Benefits

- Screw Thread mating type
- With pre-terminated RJ45 Plug-end
- Size 13/16"-28UN
- Cat 5e & Cat 6 shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RMCPJ08GPE-SCS8001	Cat5e	2A	56V	FTP CAT5E	Shielded Shell	Cable End Plug
RMCPJ08G06-SCS8001	Cat6	1A	48V	FTP CAT6	Shielded Shell	Cable End Plug

RJ45 Cable Assembly, Field Installable (Metal Nut)

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	PC
Screw Nut	Zinc, Nickel Plated or Aluminum, Anodizing
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A
Voltage Rating	48V
Contact Resistance	≤ 40mΩ
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	Screw Thread
Temperature Range	Cable Ass'y: -20°C ~ +80°C With Plug: -40°C ~ +85°C Without Plug: -40°C ~ +105°C
Salt Spray	48 hr.
Protection Class	IPX7 (Mated)
Durability	1000 Times

How to Order

RMCAP08G XX - SLC7E XX

Components Spec.
5E - Cat 5e Components
06 - Cat 6 Components

Length (M)
01~99 = 1M~99M

RMCD X 08 X XX - SLG7 XXX

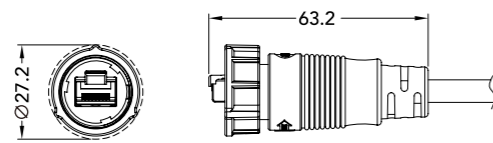
Connector Style
P - Plug Connector
A - Accessory

Contact Type
G - Shield & Ground Pin
N - Non-Shield & Ground Pin

Components Spec.
5E - Cat 5e Components
06 - Cat 6 Components
00 - Non Spec.

Serial Number

RJ45 Cable Assembly (Metal Nut) Straight, IPX7

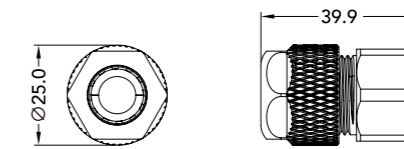


Features and Benefits

- Screw Thread mating type
- Mates with screw-threaded panel mounting connectors
- Size 13/16"-28UN
- Cat 5e & Cat 6 shielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RMCA08G5E-SLC7EXX	Cat5e	1A	48V	FTP CAT5E	Shielded Shell	Cable End Cut
RMCA08G06-SLC7EXX	Cat6	1A	48V	FTP CAT6	Shielded Shell	Cable End Cut

RJ45 Field Installable (Metal) Straight, IPX7

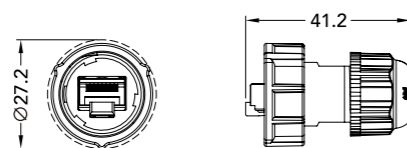


Features and Benefits

- Screw Thread mating type
- For Field termination assembly
- Size 13/16"-28UN
- The plug can pass through in the accessory
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type	Cable Range
RMCA08N00-SLG7001	Plug Tube	1A	48V	Shielded Shell	Plug	Φ5.5mm~Φ7.0mm

RJ45 Field Installable (Metal Nut) Straight, IPX7



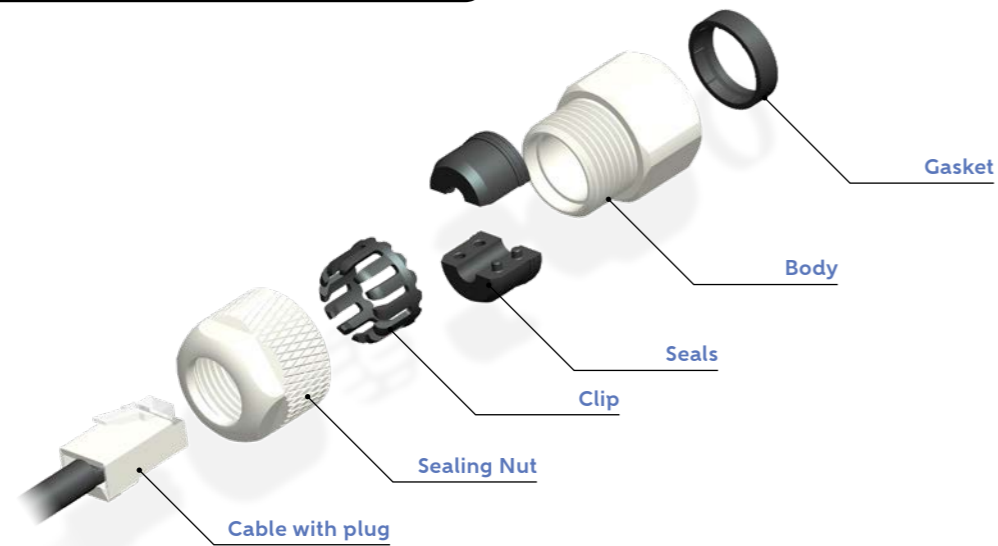
Features and Benefits

- Screw Thread mating type
- Mates with screw-threaded panel mounting connectors
- Size 13/16"-28UN
- For Field termination assembly
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type	Cable Range
RMCDP08G5E-SLG7001	Cat5e	1A	48V	Shielded Shell	Plug	Φ5.5mm~Φ7.0mm
RMCDP08N00-SLG7001	Plug Tube	1A	48V	Shielded Shell	Plug	Φ5.5mm~Φ7.0mm
RMCDP08G06-SLG7001	Cat6	1A	48V	Shielded Shell	Plug	Φ5.5mm~Φ7.0mm

RJ45 Field Installable (Metal Nut)

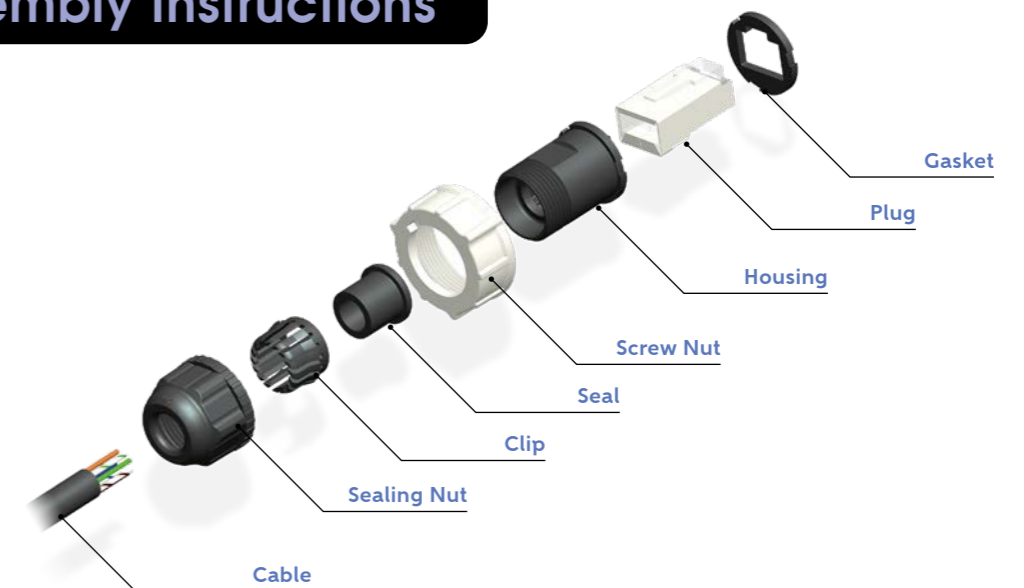
Assembly Instructions



- 1 Insert the cable through the sealing nut, clip, body.
- 2 Insert the cable into the socket.
- 3 Avoid gasket damage by plug latch when assembled.
- 4 Connect and tighten the body.
- 5 Assemble the seals.
- 6 Connect the seal and the clip respectively.
- 7 Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.

RJ45 Field Installable (Metal Nut)

Assembly Instructions



- 1 Strip the cable sheath and insulation.
- 2 Insert the cable through the sealing nut, clip, seal, screw nut and housing.
- 3 Insert cable into plug using hand tool.
- 4 Insert the screw nut.
- 5 Connect the seal and the clip respectively.
- 6 Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.
- 7 Insert the gasket.

RJ45 Receptacle, Cable Ass'y & Field Installable (Metal)

Product Specifications

General Data

Number of Positions	8P8C
Contact Housing	Nylon+GF and PBT or PC
Shell / Screw Nut	Zinc Alloy, Nickel Plated
Terminal	Copper Alloy, Gold Plated

Electrical Data

Current Rating	1A
Voltage Rating	48V
Contact Resistance	≤ 40mΩ
Insulation Resistance	≥ 100MΩ at DC 500V
Withstanding Voltage	AC 1000V/1 Minute
Standard	IEC 60603-7

Environmental Data

Mating Style	3-Point (RJ45 Bayonet Lock)
Max Panel Thickness	5.8mm (Without Cap Chain)
Temperature Range	with Wafer -40°C ~ +105°C with Cable -40°C ~ +85°C with Cable Assembly -20°C ~ +80°C
Salt Spray	500 hr.
Protection Class	IPX8 (Mated)
Durability	1000 Times

How to Order

RJ45 Receptacle (Metal)

R X CPJ08G5E - KC X 8 XXX

R Plated
Z - Zinc-Ni
M - Nickel

X Assembly Style
S - Panel With Cable + Plug
P - PCB Type

8 Serial Number

RJ45 Cable Assembly (Metal)

R X CAP08G5E - KLC7E XX

R Plated
Z - Zinc-Ni
M - Nickel

XX Length (M)
01~99 = 1M~99M

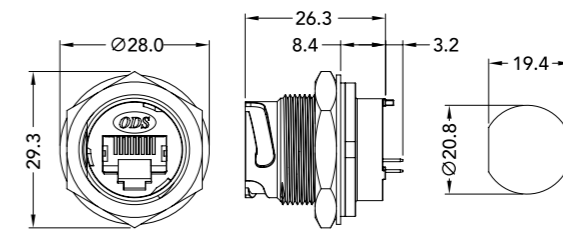
RJ45 Field Installable (Metal)

R X CDP08G5E-KLG7 XXX

R Plated
Z - Zinc-Ni
M - Nickel

XXX Serial Number

RJ45 Receptacle (Metal) Front Fastened, IPX8

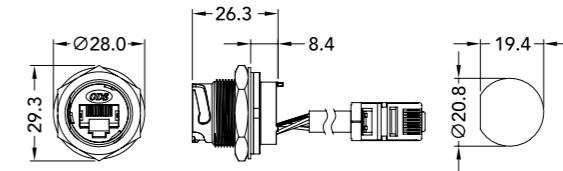


Features and Benefits

- 3-Point RJ45 Bayonet Lock
- PCB mounted panel connector
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RZCPJ08G5E-KCP8001	Cat5e	1A	48V	Shielded Shell	PCB Straight
RMCPJ08G5E-KCP8001	Cat5e	1A	48V	Shielded Shell	PCB Straight

RJ45 Receptacle (Metal) Front Fastened, IPX8

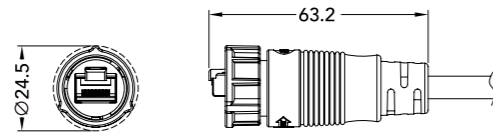


Features and Benefits

- 3-Point RJ45 Bayonet Lock
- With pre-terminated RJ45 Plug-end
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- 94V-0, (f1) Flame Retardant
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type
RZCPJ08G5E-KCS8001	Cat5e	1A	48V	Shielded Shell	Cable End Plug
RMCPJ08G5E-KCS8001	Cat5e	1A	48V	Shielded Shell	Cable End Plug

RJ45 Cable Assembly (Metal Nut) Straight, IPX7

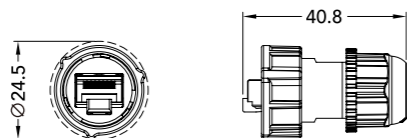


Features and Benefits

- 3-Point RJ45 Bayonet Lock
- Mates with screw-threaded panel mounting connectors
- Size 13/16"-28UN
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Cable Type	Shield Type	Ass'y Type
RZCAP08G5E-KLC7EXX	Cat5e	1A	48V	FTP CAT5E	Shielded Shell	Cable End Cut
RMCAP08G5E-KLC7EXX	Cat5e	1A	48V	FTP CAT5E	Shielded Shell	Cable End Cut

RJ45 Field Installable (Metal Nut) Straight, IPX7



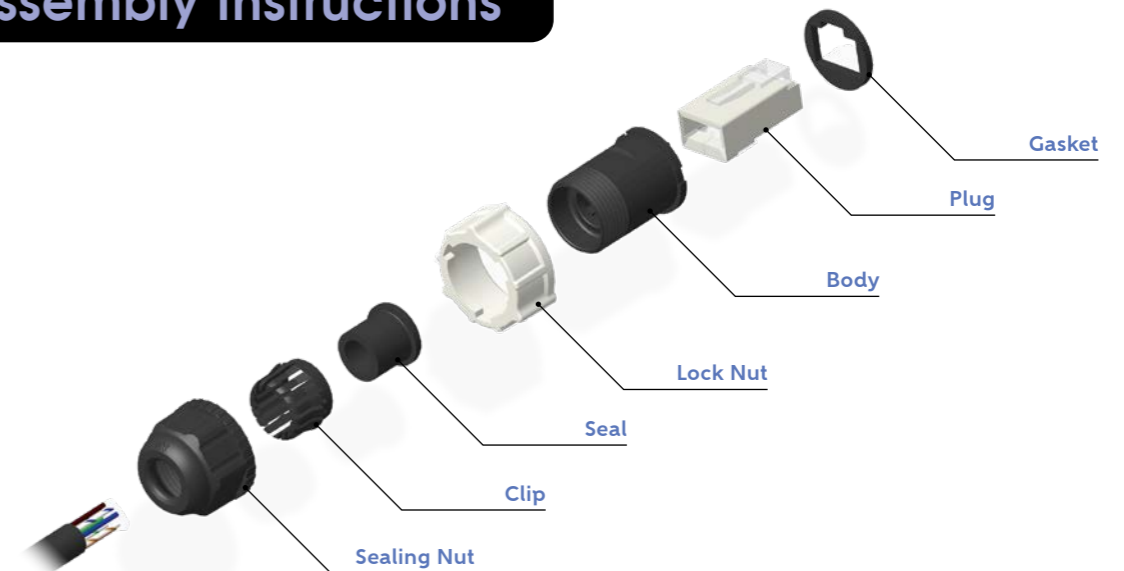
Features and Benefits

- 3-Point RJ45 Bayonet Lock
- Mates with screw-threaded panel mounting connectors
- Size 13/16"-28UN
- For Field termination assembly
- Cat 5e shielded RJ45 interface
- Transmission frequencies up to 100MHz
- Up to 1,000 mating cycles

Part Number	Category	Current	Voltage	Shield Type	Ass'y Type	Cable Range
RZCDP08G5E-KLG7001	Cat5e	1A	48V	Shielded Shell	Plug	Φ5.5mm~Φ7.0mm
RMCDP08G5E-KLG7001	Cat5e	1A	48V	Shielded Shell	Plug	Φ5.5mm~Φ7.0mm

RJ45 Field Installable

Assembly Instructions



- Strip the cable sheath and insulation.
- Insert the cable through the sealing nut, clip, seal, lock nut and housing.
- Insert cable into plug using hand tool.
- Insert the lock nut.
- Connect the seal and the clip respectively.
- Connect the sealing nut and tighten using hand tool (optional) or your hand while holding ass'y.
- Insert the gasket.

RJ45 Accessory Cap IPX7 (Mated)

Features and Benefits

- One sealing surface means less likelihood of failure
- Maintains IPX7 rating for functional integrity when connector is not mated
- IPX7 ratings ensures cable assemblies are water and dust tight for functional integrity

Part Number	Size	Description	Part Number	Size	Description
CPCMPMCSN71	13/16"-28UN	Female Metal Screw Cap	CPCMPMCSM71	13/16"-28UN	Female Metal Screw Cap, With Metal Chain



Part Number	Size	Description	Part Number	Size	Description
CPCMPMCSM72	13/16"-28UN	Female Metal Screw Cap, With Metal Chain	CPCPPMCSN71	13/16"-28UN	Female Plastic Screw Cap



Part Number	Size	Description	Part Number	Size	Description
CPCPPMCSM71	13/16"-28UN	Female Plastic Screw Cap, With Rubber Chain	CPCPPMCSN72	13/16"-28UN	Female Plastic Screw Cap, With Rubber Chain



Part Number	Size	Description	Part Number	Size	Description
CPCPPMCSM71	13/16"-28UN	Female Plastic Screw Cap, With Metal Chain	CPCPPMCSM72	13/16"-28UN	Female Plastic Screw Cap, With Metal Chain



RJ45 Accessory Cap IPX7 (Mated)

Part Number	Size	Description	Part Number	Size	Description
CPCPPMCKP73	13/16"-28UN	Female Plastic 3P Lock Cap, With Rubber Chain	CPDPPMCLM71	1"-20UNEF	Female Plastic 2P Lock Cap, With Metal Chain



Part Number	Size	Description	Part Number	Size	Description
CPDPPMCLN71	1"-20UNEF	Female Plastic 2P Lock Cap	CPDPPMCLP71	1"-20UNEF	Female Plastic 2P Lock Cap, With Rubber Chain



