





CATALOGUE

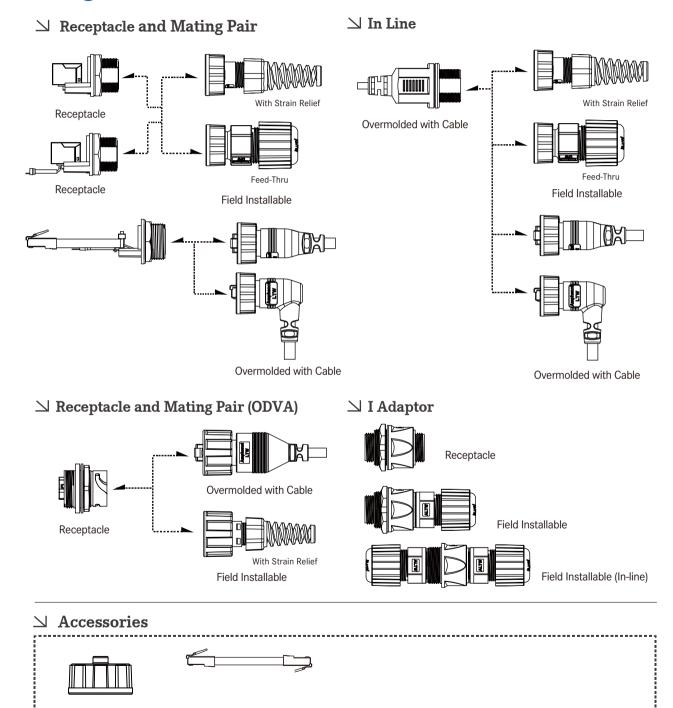
Receptacle I Unmated & Mated Overmolded with Cable I Mated Field Installable I Mated

RJ Connector





Range Overview



[Note] Design and specification are subject to change without notice.

Patch Cable (Double-ended)

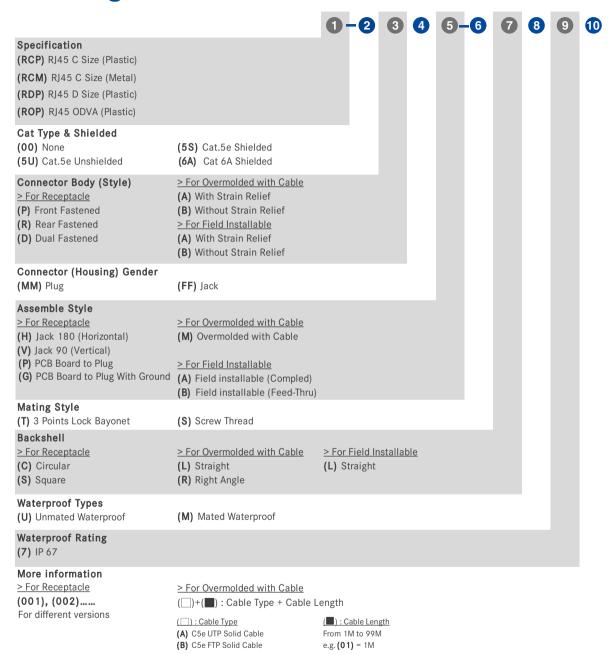
Waterproof Cap

Field Installable I Mated

Specification

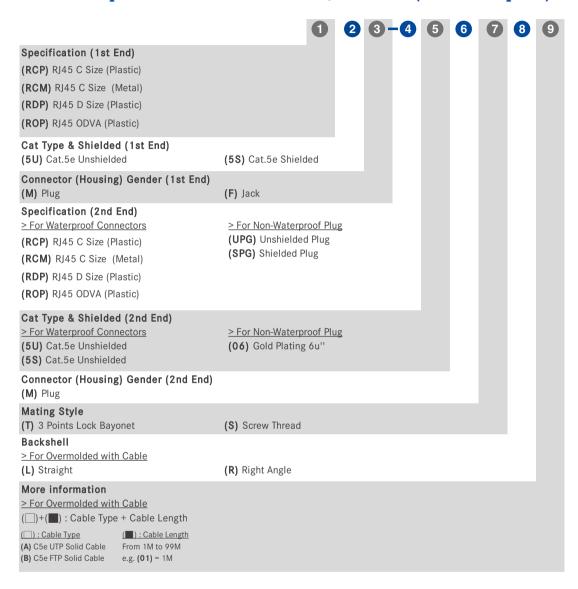
| _ | |
|------------------------------|--|
| Identifications | Middle Size:13/16"-28 UNS (Cat. 5e / Cat. 6A) Large Size:1"-20 UNEF (Cat. 5e) ODVA (Cat. 5e) |
| Description | Receptacle (Cat. 5e) Coupler (Cat. 5e / Cat. 6A) Receptacle With Cable (Cat. 5e) Overmolded With Cable (Cat. 5e) Field Installable (Cat. 5e / Cat. 6A) |
| Transmitting Rate | Cat 5e / Cat 6A per TIA or EIA 568B Class D / Class Ea per ISO / IEC 11801 |
| Material | Cat. 5e Plastic -Housing: Nylon+GF,UL94V-0,F1 -Fastening Nut (Panel Side): Nylon+GF,UL94V-0,F1 -Mating Lock Nut: Nylon+GF,UL94V-0,F1 RJ45 Jack & Plug Gold Plated Cat. 5e Metal Cat. 6A Contacts: Copper Alloy, Gold Plated Connector Body (Housing): Nylon+GF, UL Recognized Gasket & O-ring: Rubber, UL Recognized Fastening Nut: Zinc Alloy, Nickel Plated Panel Shell: Zinc Alloy, Nickel Plated Mating Lock Nut: Zinc Alloy, Nickel Plated |
| Waterproof Rating | IP67 |
| Temperature Range | Receptacle: -20°C ~ 80°C Coupler: -40°C ~ 105°C Overmolded With Cable: -20°C ~ 80°C Field Installable: -40°C ~ 105°C |
| Contact Resistance | ≤20mΩ |
| Insulation Resistance | \geq 500M Ω at DC500V |
| Durability | 750 Cyles |
| Dielectric Withstand Voltage | ≧AC 1000V / 1 minute |
| More to know | Salt Spray Corrosion: 48H POE: 60W / 2A Standard Cable Length: 1~99M |
| | |

Ordering Information



Ordering Information | Double-ended

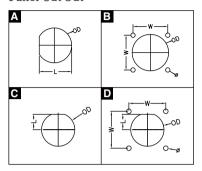
ALTW waterproof connector to ALTW waterproof connector ALTW waterproof connector to Standard RJ connector (None Waterproof)



Physical Dimension

∠ Receptacle

Panel Cut-Out



| Type Dimension | Туре | L/W | OD | Ø |
|----------------------------|--------|-----------|------|----------|
| Connector Gender (Housing) | Female | | | |
| Middle Size | Α | 19.4 | 20.8 | - |
| (13/16"-28 UNS) | В | 24.4 | 26.3 | M3.0*0.5 |
| Large Size | Α | 23.6/24.0 | 25.6 | - |
| (1"20 UNEF) | В | 24.4 | 26.3 | M3.0*0.5 |
| ODVA | С | 12.4 | 27.1 | - |
| | D | 12.4/25.9 | 27.1 | M3.0*0.5 |

Unit: mm

Connector Dimension

Α1











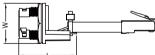


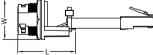




Α4







В



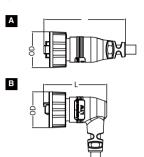


Dimension Туре Shape W Type Connector Gender Female (Housing) 41.0 26.0/28.0 Circular 25.4 29.3 Α1 Square 41.0 32.0 Circular 39.6 26.0/28.0 25.4 29.3 A2 Square Middle Size 39.9 32.0 (13/16"-28 UNS) Circular 37.6 28.2 23.0 25.4 АЗ Square Circular 37.6 26.0/28.0 25.4 29.3 A4 Square Circular 41.0 32.0 28.5 33.0 Α1 Square 41.2 32.0 33.0 39.5 32.0 28.5 Large Size Circular A2 (1"-20 UNEF) 39.7 32.0 Square Circular 37.6/20.5 32.0/33.5 28.5 33.0 АЗ Square 33.3/45.6 34.0 32.0 36.0 Circular **ODVA** 33.3/45.6 36.0

Unit: mm

Receptacle I Unmated & Mated Overmolded with Cable I Mated Field Installable I Mated

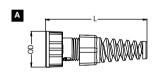
○ Overmolded with Cable

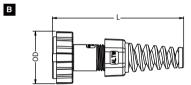


| Type | Type | L | | OD | | |
|--------------------------------|--------|--------|------|--------|------|--|
| Connector Gender (Housing) | .,,,,, | Female | Male | Female | Male | |
| Middle Size (13/16"-28 UNS) | Α | 58.4 | 58.0 | 28.2 | 25.4 | |
| | В | - | 45.0 | - | 25.4 | |
| Large Size | Α | - | 73.6 | - | 28.8 | |
| (1"20 UNEF) | В | - | 52.8 | - | 28.8 | |
| ODVA | Α | _ | 79.1 | - | 31.5 | |

Unit: mm

∠ Field Installable



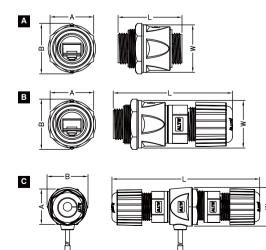


| | <u>.</u> | |
|---|----------|------|
| С | | L —— |
| | - qo | |

| Type | Type | L | OD |
|--------------------------------|------|--|------|
| Connector Gender (Housing) | 71. | Male | Male |
| Middle Size (13/16"-28 UNS) | Α | 72 (Ref.) | 25.4 |
| | В | 79.9 (Ref.) | 25.4 |
| | С | Plastic 56.85 (Ref.) Metal 39.85 (Ref.) | 25.4 |
| Large Size | Α | 76.5 (Ref.) | 28.8 |
| (1"20 UNEF) | С | 59.7 (Ref.) | 32.0 |
| ODVA | А | 77.6 (Ref.) | 31.5 |

Unit: mm

∠ I-Adaptor



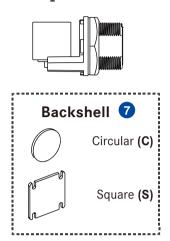
| Type | T | L | W | А | В |
|-------------------------------|------|--------|------|------|------|
| Connector Gender (Housing) | Туре | Female | | | |
| Large Size (1"-20 UNEF) | Α | 41.8 | 31.0 | 28.5 | 33.0 |
| | В | 77.9 | 31.0 | 28.5 | 33.0 |
| | С | 110.2 | 31.0 | 28.5 | 33.0 |

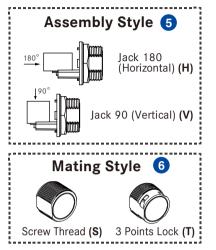
Unit: mm

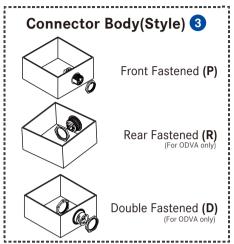
[Note] Refer to P8-4 for Ordering Information

Product Features

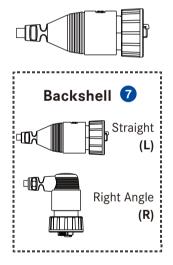
□ Receptacle

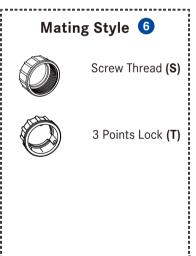


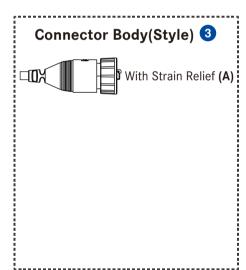




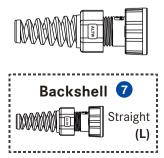
○ Overmolded with Cable



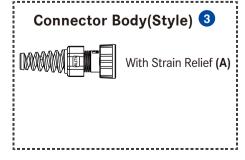




☑ Field Installable





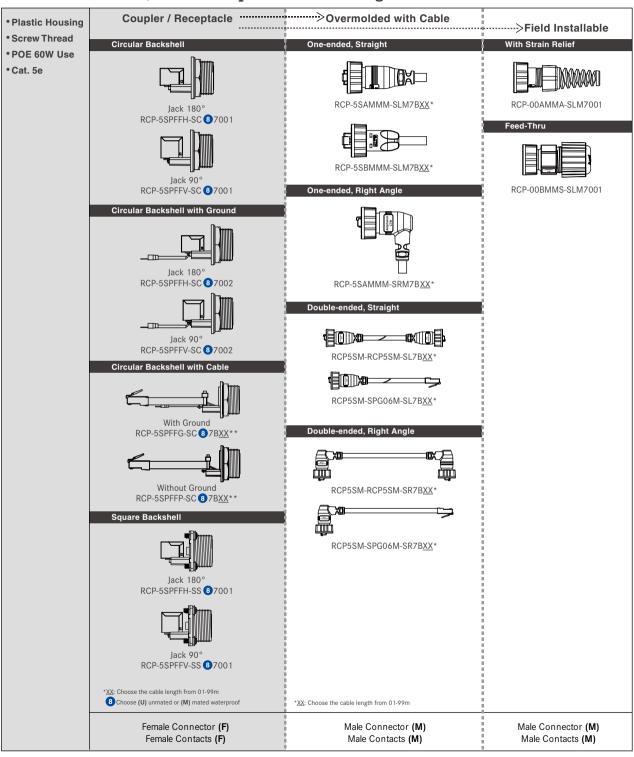


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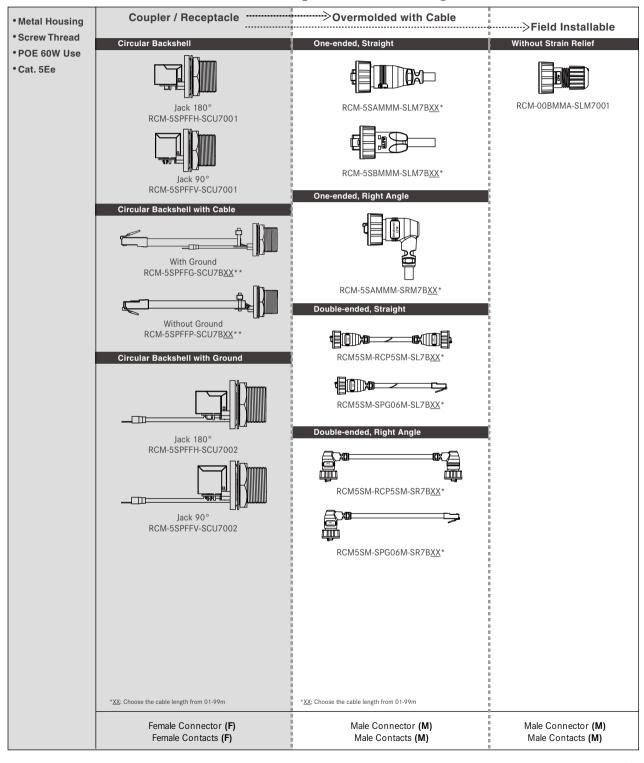
Receptacle I Unmated & Mated Overmolded with Cable I Mated Field Installable I Mated

Find Our Standard Products

△ Middle Size: 13/16" > Receptacle and Mating Pair



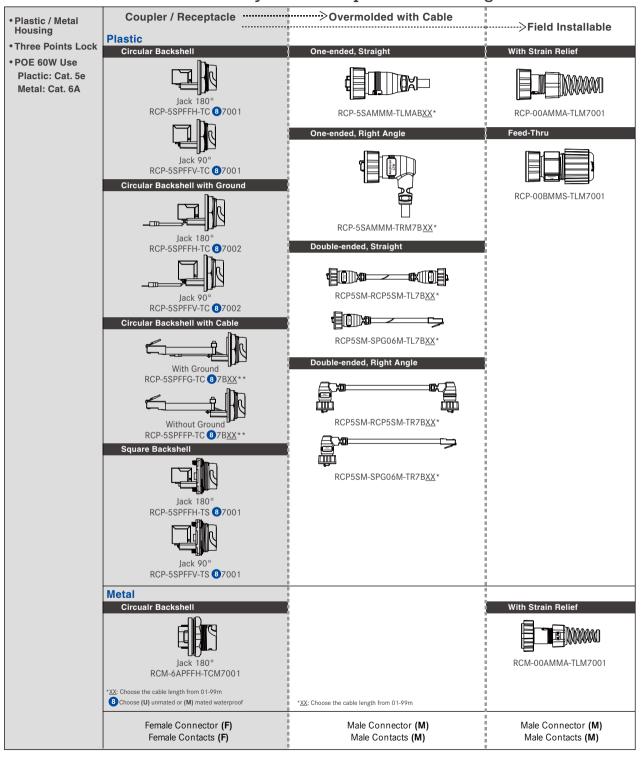
Middle Size: 13/16"-28UNS > Receptacle and Mating Pair



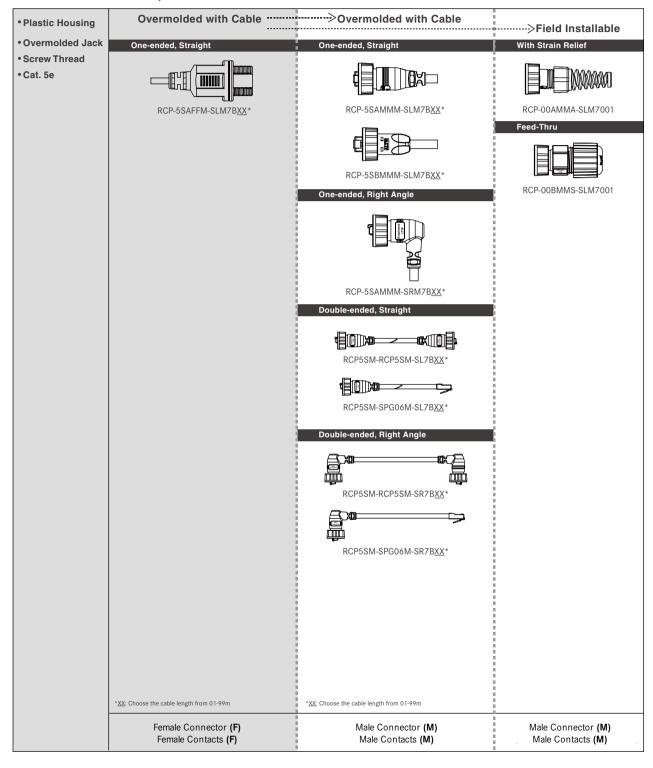
Receptacle and Mating Pair

IP 67
Receptacle I Unmated & Mated
Overmolded with Cable I Mated
Field Installable I Mated

Middle Size: 3 Points Lock Bayonet > Receptacle and Mating Pair



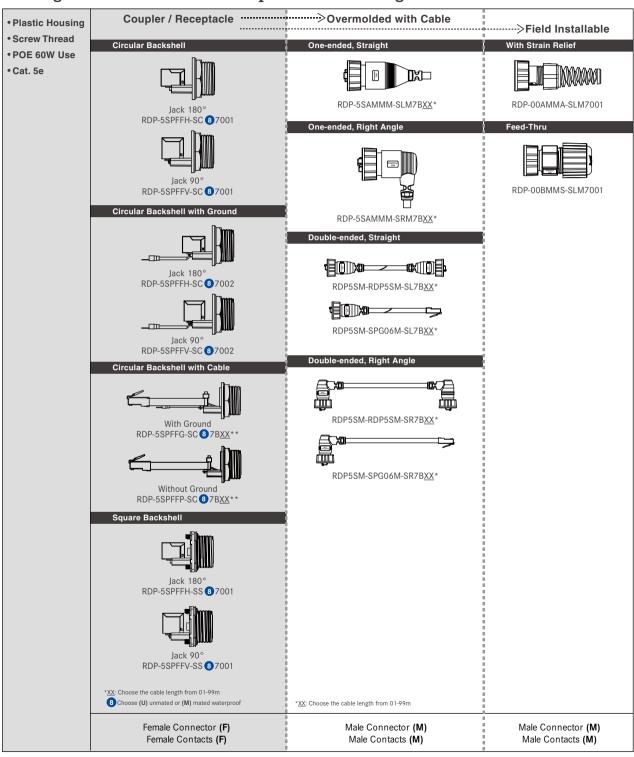
Middle Size: 13/16"-28UNS > In-Line



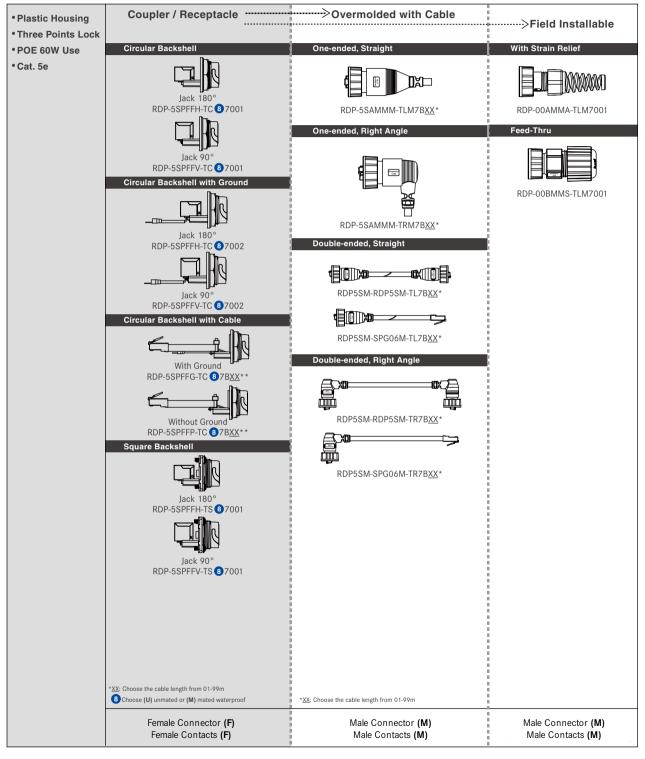
IP 67
Receptacle I Unmated & Mated
Overmolded with Cable I Mated

Field Installable I Mated

□ Large Size: 1"-20UNEF > Receptacle and Mating Pair



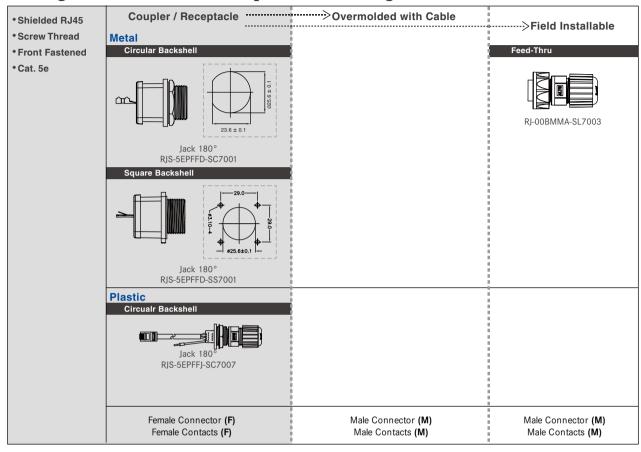
□ Large Size: 3 Points Lock Bayonet > Receptacle and Mating Pair



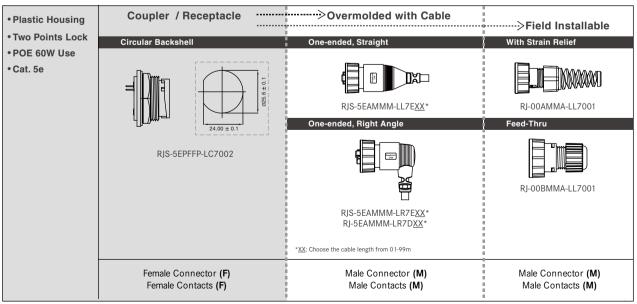
Receptacle and Mating Pair

Receptacle I Unmated & Mated
Overmolded with Cable I Mated
Field Installable I Mated

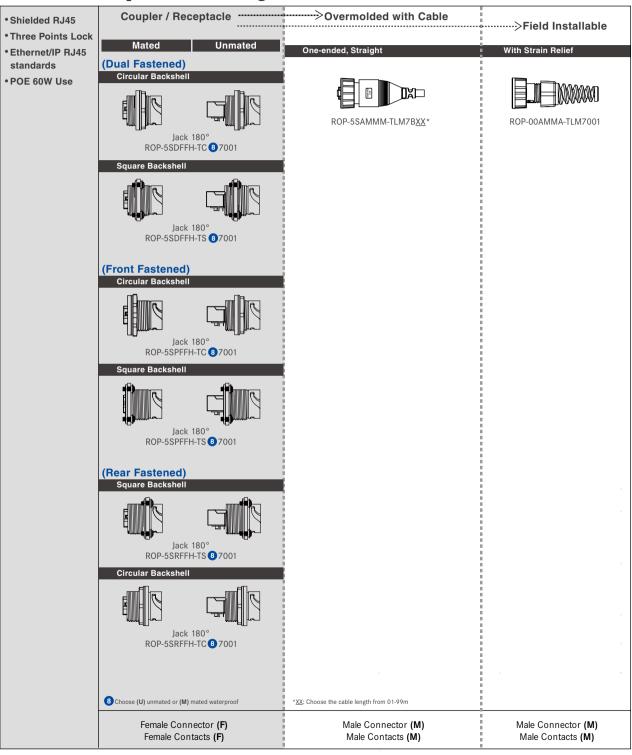
□ Large Size: 1"-20UNEF > Receptacle and Mating Pair



□ Large Size: 2 Points Lock Bayonet > Receptacle and Mating Pair



□ ODVA > Receptacle and Mating Pair

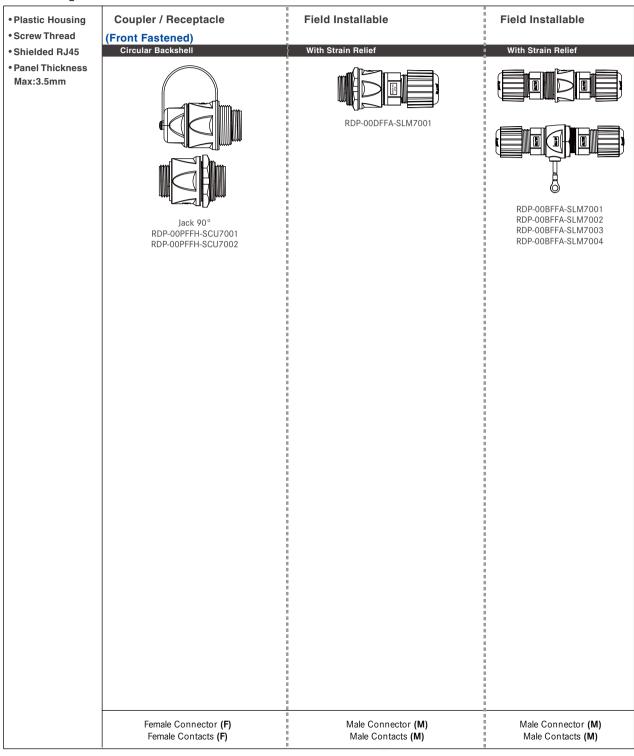


I-Adaptor: Screw Thread

IP 67

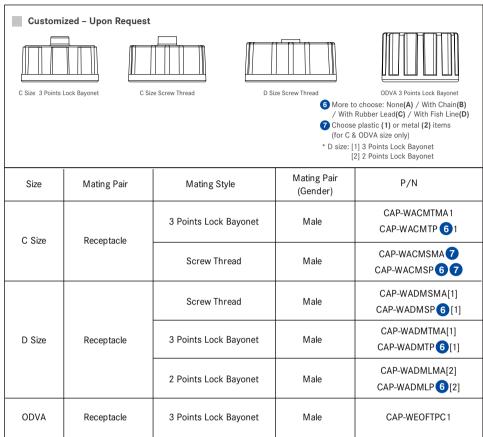
Receptacle I Unmated & Mated Overmolded with Cable I Mated Field Installable I Mated

∠ I-Adaptor

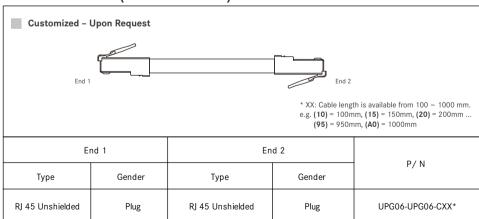


Accessories

△ Waterproof Cap



→ Patch Cable (Double-ended)



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Sales & Marketing Department | Email : sales@ltw-tech.com

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