





CATALOGUE

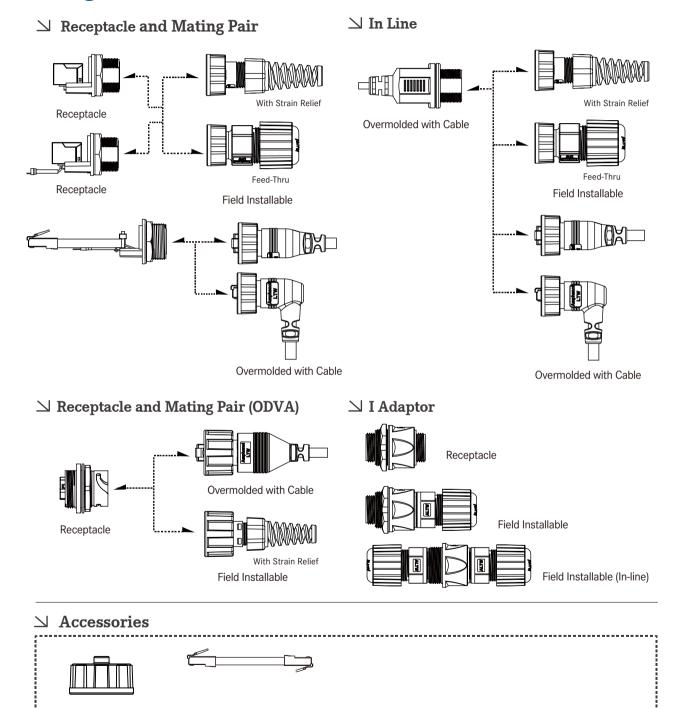
Receptacle I Unmated & Mated Overmolded with Cable I Mated Field Installable I Mated

RJ Connector





Range Overview



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

Patch Cable (Double-ended)

Waterproof Cap

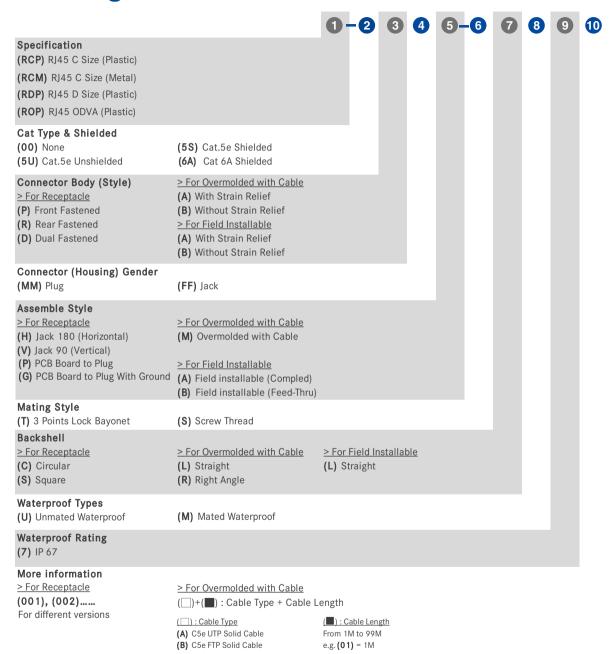
Receptacle | Unmated & Mated
Overmolded with Cable | Mated

Field Installable I Mated

Specification

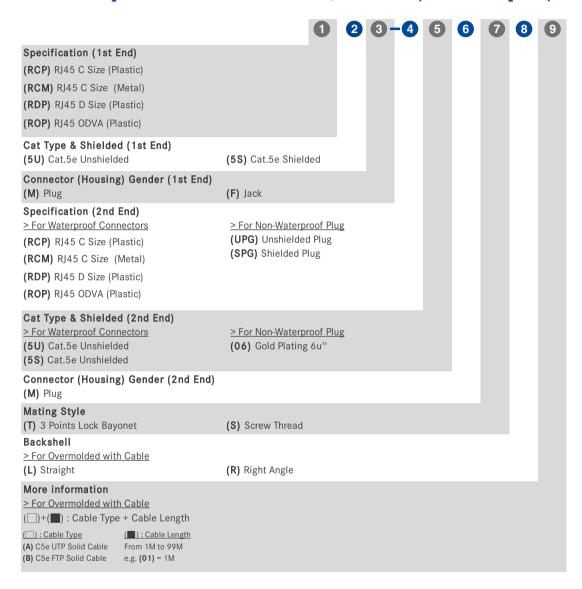
Identifications	Middle Size:13/16"-28 UNS (Cat. 5e / Cat. 6A) Large Size:1"-20 UNEF (Cat. 5e) ODVA (Cat. 5e)
Description	Receptacle (Cat. 5e) Coupler (Cat. 5e / Cat. 6A) Receptacle With Cable (Cat. 5e) Overmolded With Cable (Cat. 5e) Field Installable (Cat. 5e / Cat. 6A)
Transmitting Rate	Cat 5e / Cat 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

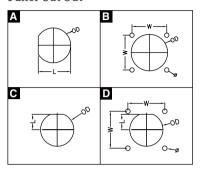
ALTW waterproof connector to ALTW waterproof connector ALTW waterproof connector to Standard RJ connector (None Waterproof)



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		
	С	12.4	27.1	-		
ODVA	D	12.4/25.9	27.1	M3.0*0.5		

Unit: mm

Connector Dimension

Α1











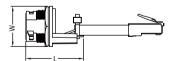
A3





Α4





В



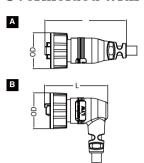


Dimension Type	Туре	Shape	L	W	Α	В
Connector Gender (Housing)	Female					
	A1	Circular	41.0	26.0/28.0	25.4	29.3
	A 1	Square	41.0	32.0	-	-
	A2	Circular	39.6	26.0/28.0	25.4	29.3
Middle Size	72	Square	39.9	32.0	-	-
(13/16"-28 UNS)	A3	Circular	37.6	28.2	23.0	25.4
	AS	Square	-	-	-	-
	A4	Circular	37.6	26.0/28.0	25.4	29.3
	A4	Square	-	-	-	-
	A1	Circular	41.0	32.0	28.5	33.0
	Λ'	Square	41.2	32.0	-	-
Large Size	A2	Circular	39.5	32.0	28.5	33.0
(1"-20 UNEF)		Square	39.7	32.0	-	-
	A3	Circular	37.6/20.5	32.0/33.5	28.5	33.0
	A3	Square	-	-	-	-
ODVA	В	Circular	33.3/45.6	34.0	32.0	36.0
ODVA	٥	Square	33.3/45.6	36.0	-	-

Unit: mm

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

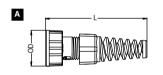
○ Overmolded with Cable

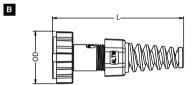


Type	Туре	L		OD	
Connector Gender (Housing)		Female	Male	Female	Male
Middle Size	Α	58.4	58.0	28.2	25.4
(13/16"-28 UNS)	В	-	45.0	-	25.4
Large Size	Α	-	73.6	-	28.8
(1"20 UNEF)	В	-	52.8	-	28.8
ODVA	Α	_	79.1	-	31.5

Unit: mm

∠ Field Installable



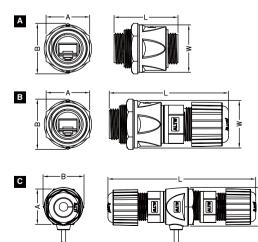




Type	Type	L	OD
Connector Gender (Housing)	71.	Male	Male
Middle Size	Α	72 (Ref.)	25.4
(13/16"-28 UNS)	В	79.9 (Ref.)	25.4
	С	Plastic 56.85 (Ref.) Metal 39.85 (Ref.)	25.4
Large Size	Α	76.5 (Ref.)	28.8
(1"20 UNEF)	С	59.7 (Ref.)	32.0
ODVA	А	77.6 (Ref.)	31.5

Unit: mm

∠ I-Adaptor



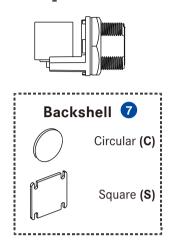
Type	_	L	W	А	В	
Connector Gender (Housing)	Туре	Type		Female		
Large Size (1"-20 UNEF)	Α	41.8	31.0	28.5	33.0	
	В	77.9	31.0	28.5	33.0	
	С	110.2	31.0	28.5	33.0	

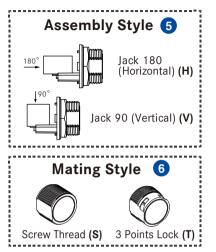
Unit: mm

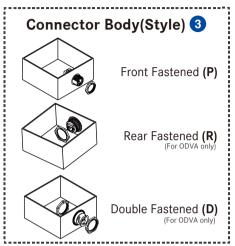
[Note] Refer to P8-4 for Ordering Information

Product Features

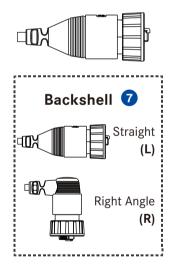
□ Receptacle

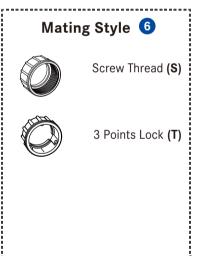


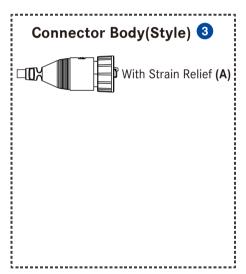




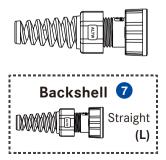
○ Overmolded with Cable



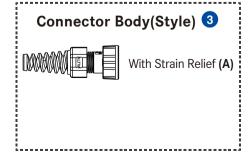




☑ Field Installable







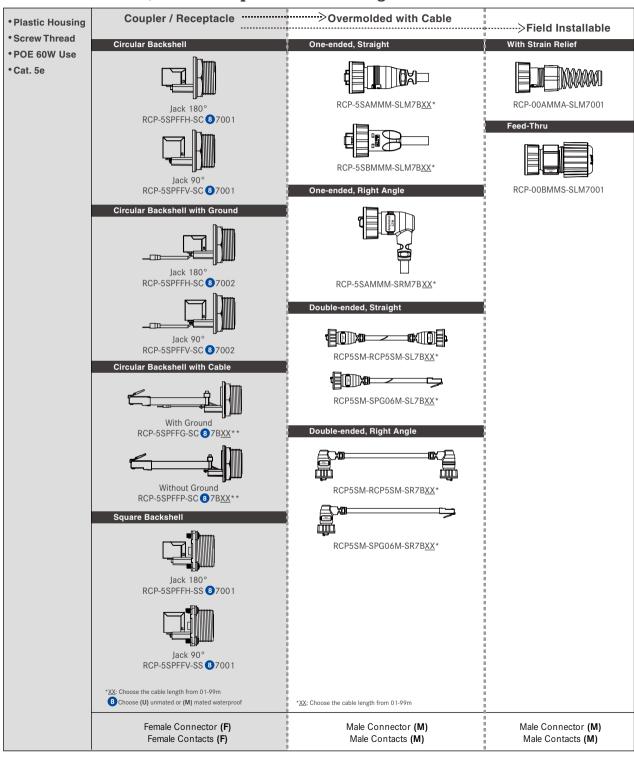
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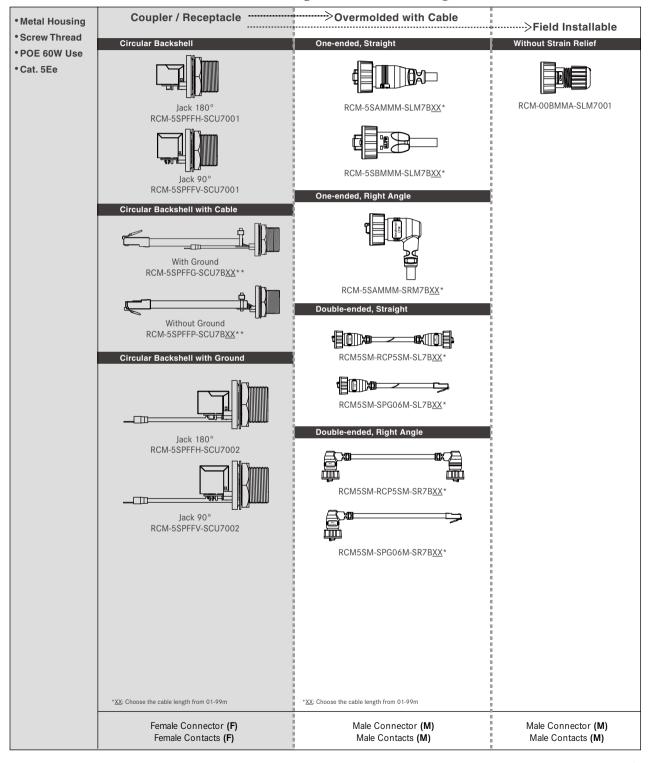
Receptacle I Unmated & Mated Overmolded with Cable I Mated Field Installable I Mated

Find Our Standard Products

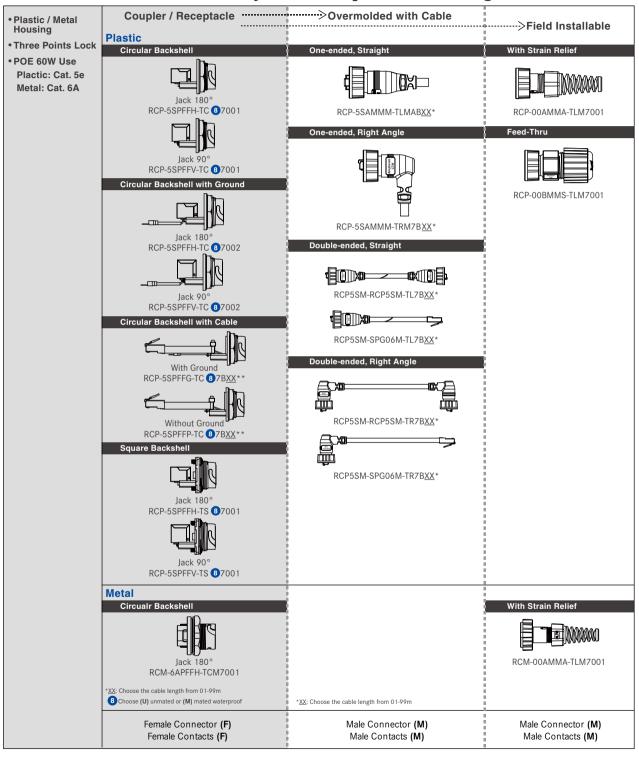
△ Middle Size: 13/16" > Receptacle and Mating Pair



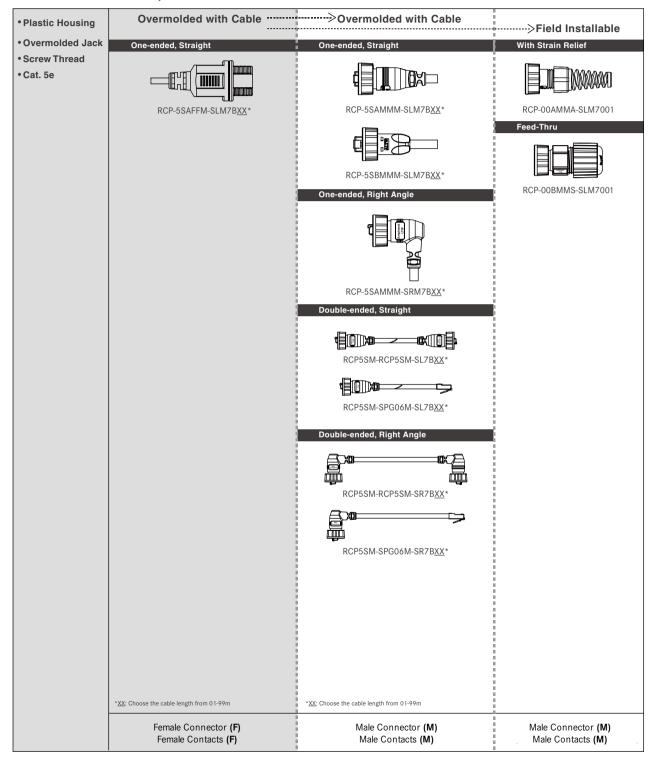
Middle Size: 13/16"-28UNS > Receptacle and Mating Pair



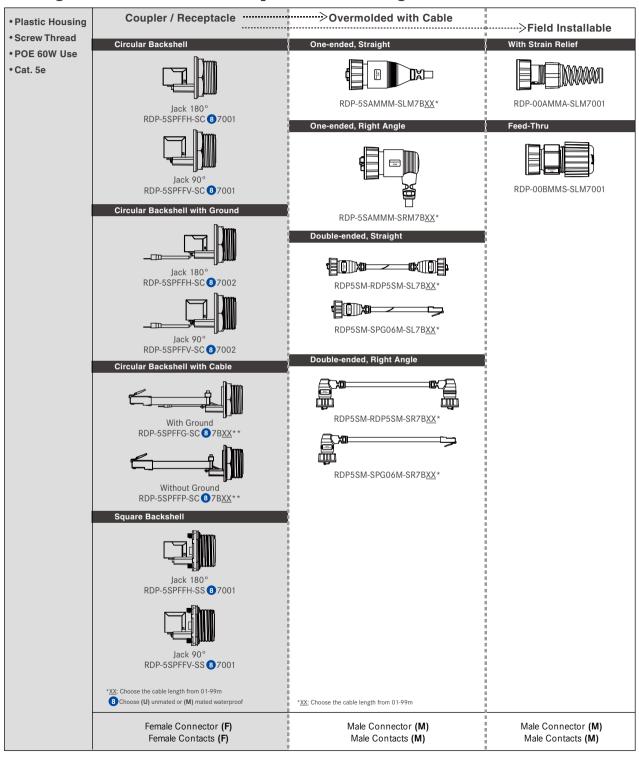
Middle Size: 3 Points Lock Bayonet > Receptacle and Mating Pair



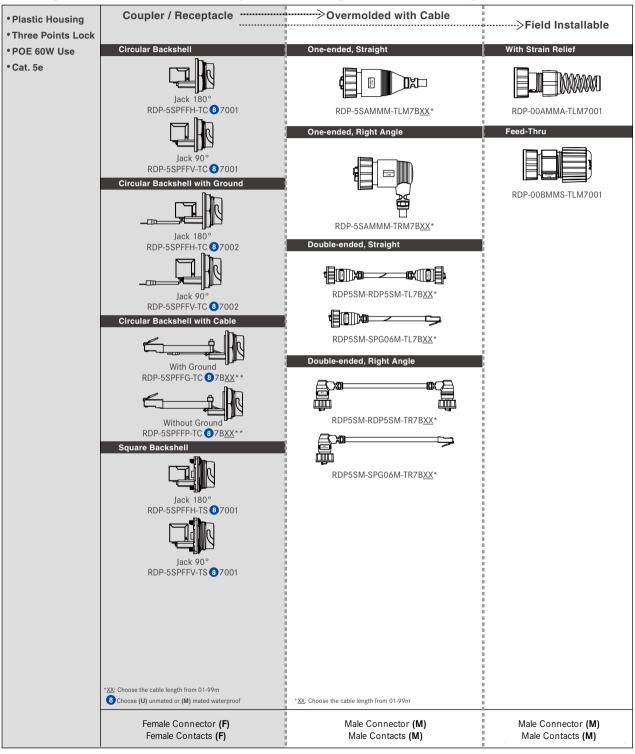
Middle Size: 13/16"-28UNS > In-Line



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



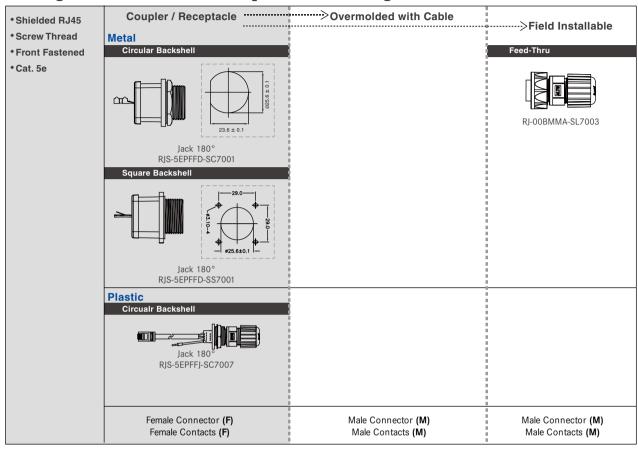
□ Large Size: 3 Points Lock Bayonet > Receptacle and Mating Pair



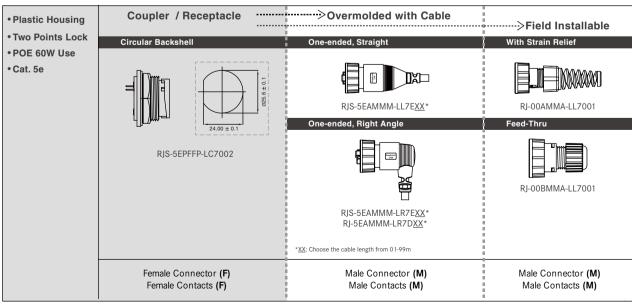
Receptacle and Mating Pair

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

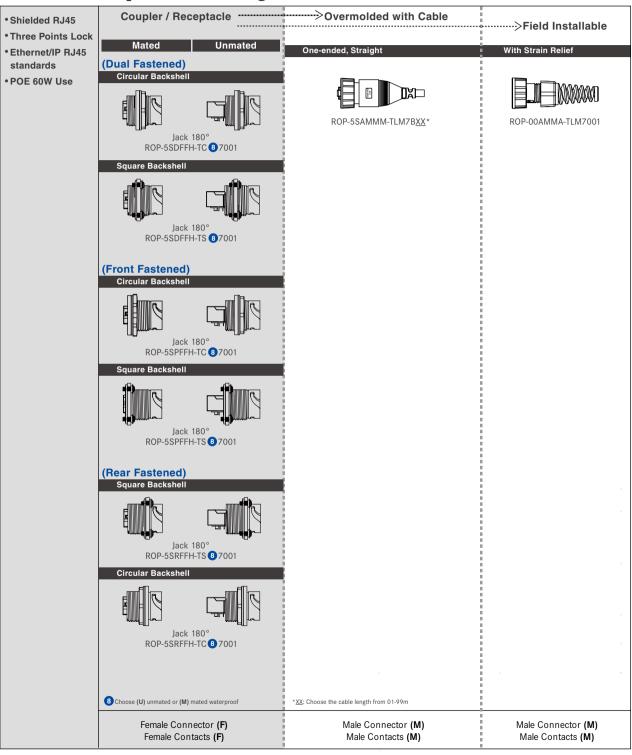
□ Large Size: 1"-20UNEF > Receptacle and Mating Pair



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



□ ODVA > Receptacle and Mating Pair

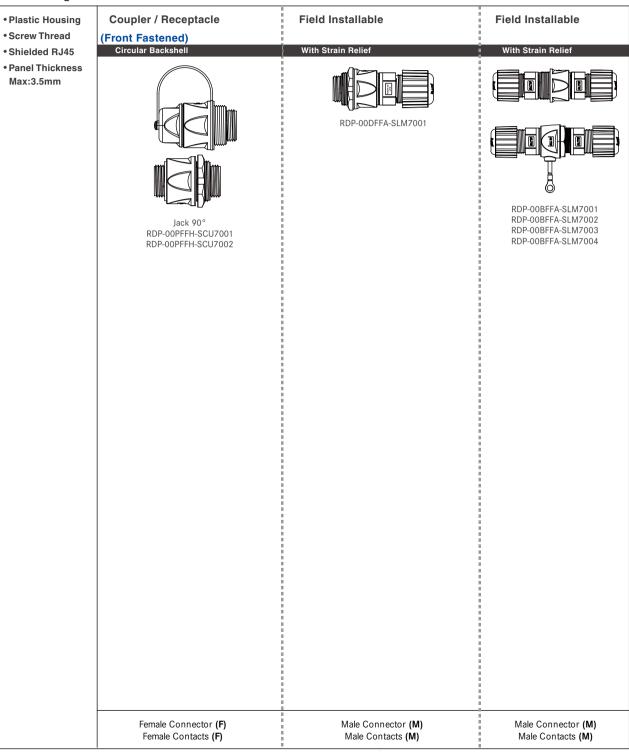


I-Adaptor: Screw Thread

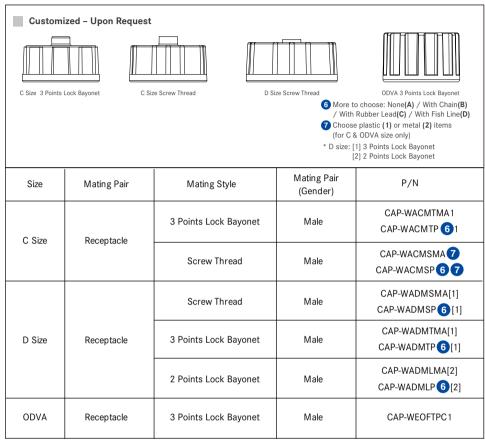
IP 67

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

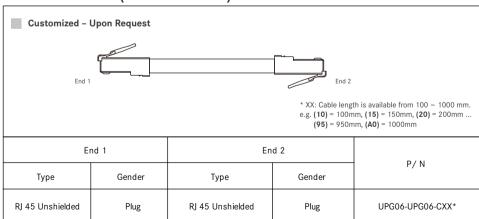
∠ I-Adaptor



Accessories



→ Patch Cable (Double-ended)



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