





CATALOGUE

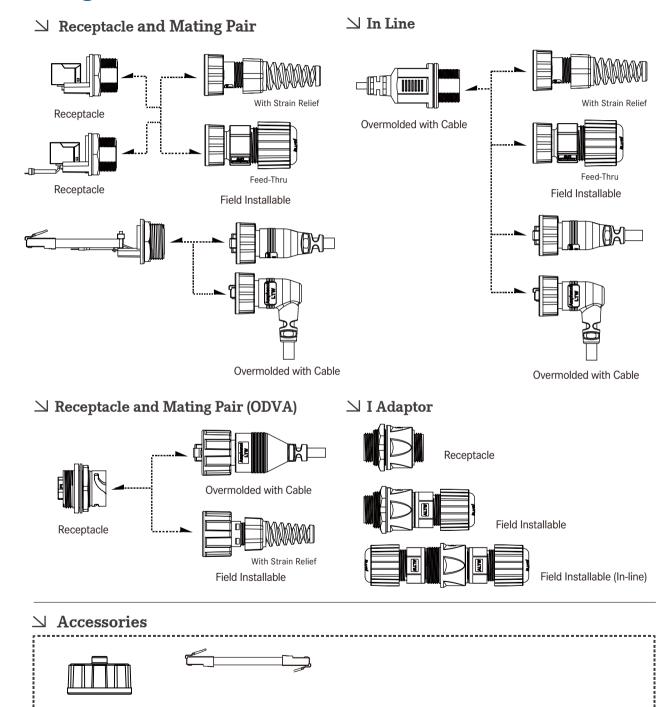
Receptacle I Unmated & Mated Overmolded with Cable I Mated Field Installable I Mated

RJ Connector





Range Overview



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

Patch Cable (Double-ended)

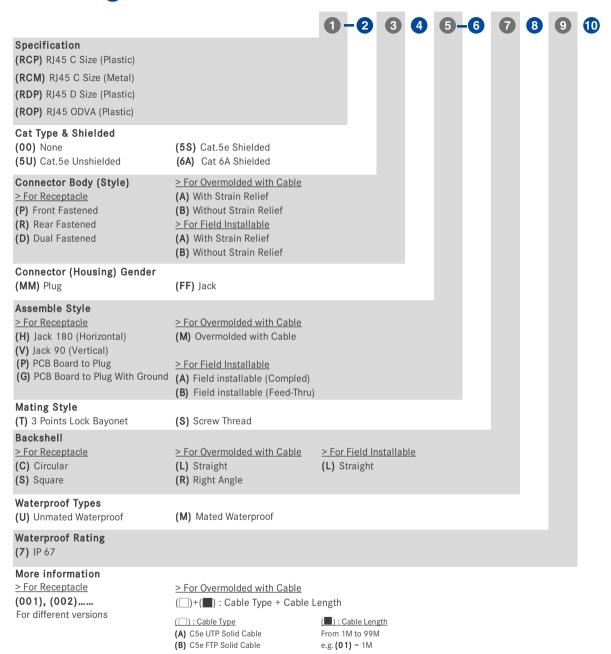
Waterproof Cap

Field Installable I Mated

Specification

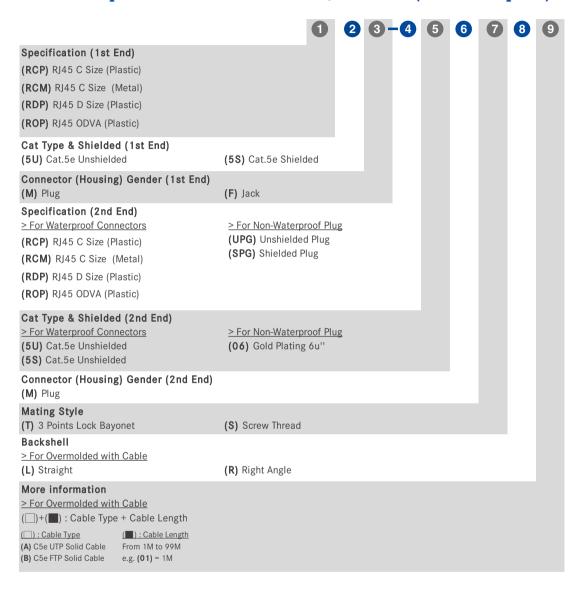
Identifications	Middle Size:13/16"-28 UNS (Cat. 5e / Cat. 6A) Large Size:1"-20 UNEF (Cat. 5e) ODVA (Cat. 5e)
Description	Receptacle (Cat. 5e) Coupler (Cat. 5e / Cat. 6A) Receptacle With Cable (Cat. 5e) Overmolded With Cable (Cat. 5e) Field Installable (Cat. 5e / Cat. 6A)
Transmitting Rate	Cat 5e / Cat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

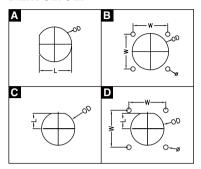
ALTW waterproof connector to ALTW waterproof connector ALTW waterproof connector to Standard RJ connector (None Waterproof)



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	А	23.6/24.0	25.6	-
(1"20 UNEF)	В	24.4	26.3	M3.0*0.5
0.574	С	12.4	27.1	-
ODVA	D	12.4/25.9	27.1	M3.0*0.5

Unit: mm

Connector Dimension

Α1











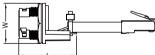
A3

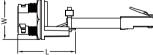




Α4







В



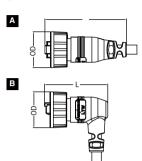


Dimension Туре Shape W Type Connector Gender Female (Housing) 41.0 26.0/28.0 Circular 25.4 29.3 Α1 Square 41.0 32.0 Circular 39.6 26.0/28.0 25.4 29.3 A2 Square Middle Size 39.9 32.0 (13/16"-28 UNS) Circular 37.6 28.2 23.0 25.4 АЗ Square Circular 37.6 26.0/28.0 25.4 29.3 A4 Square Circular 41.0 32.0 28.5 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

Unit: mm

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

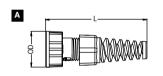
○ Overmolded with Cable

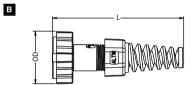


Type	Type	L		OD		
Connector Gender (Housing)	.,,,,,	Female	Male	Female	Male	
Middle Size (13/16"-28 UNS)	Α	58.4	58.0	28.2	25.4	
	В	-	45.0	-	25.4	
Large Size (1"20 UNEF)	Α	-	73.6	-	28.8	
	В	-	52.8	-	28.8	
ODVA	Α	-	79.1	-	31.5	

Unit: mm

∠ Field Installable



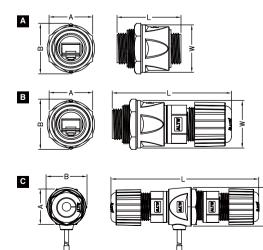


	<u>.</u>	
С		L ——
	QO .	

Type	Туре	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	Α	77.6 (Ref.)	31.5

Unit: mm

∠ I-Adaptor



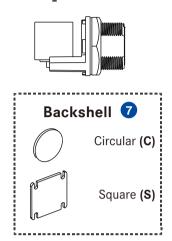
Type Dimension	_	L	W	А	В
Connector Gender (Housing)	Туре	Female			
Large Size (1"-20 UNEF)	Α	41.8	31.0	28.5	33.0
	В	77.9	31.0	28.5	33.0
	С	110.2	31.0	28.5	33.0

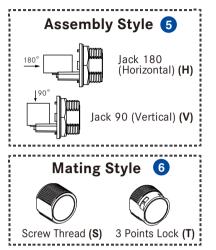
Unit: mm

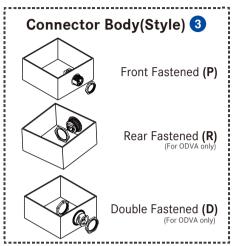
[Note] Refer to P8-4 for Ordering Information

Product Features

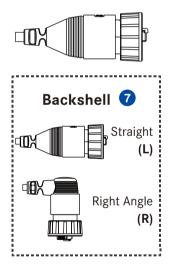
□ Receptacle

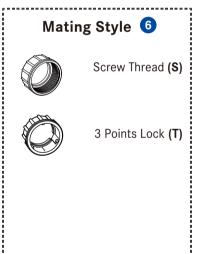


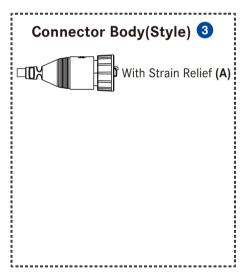




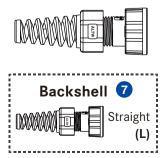
○ Overmolded with Cable



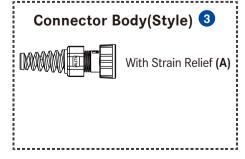




☑ Field Installable





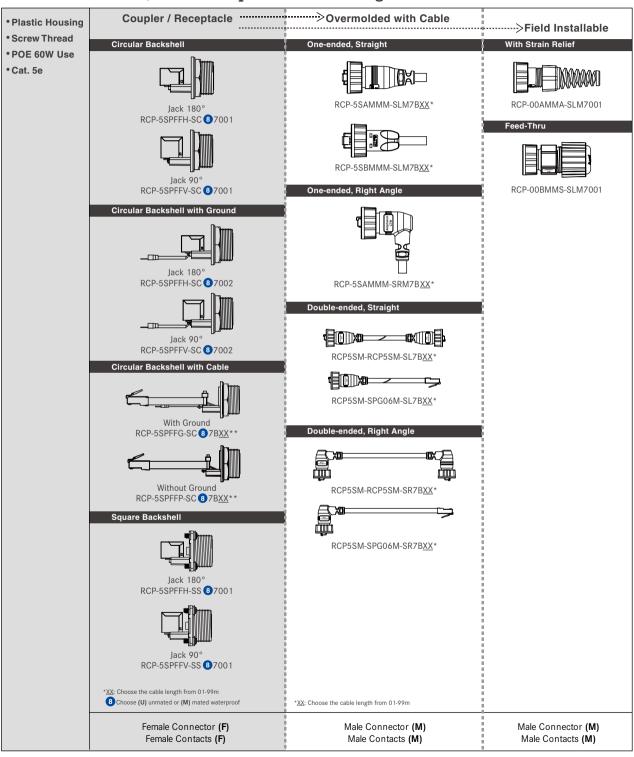


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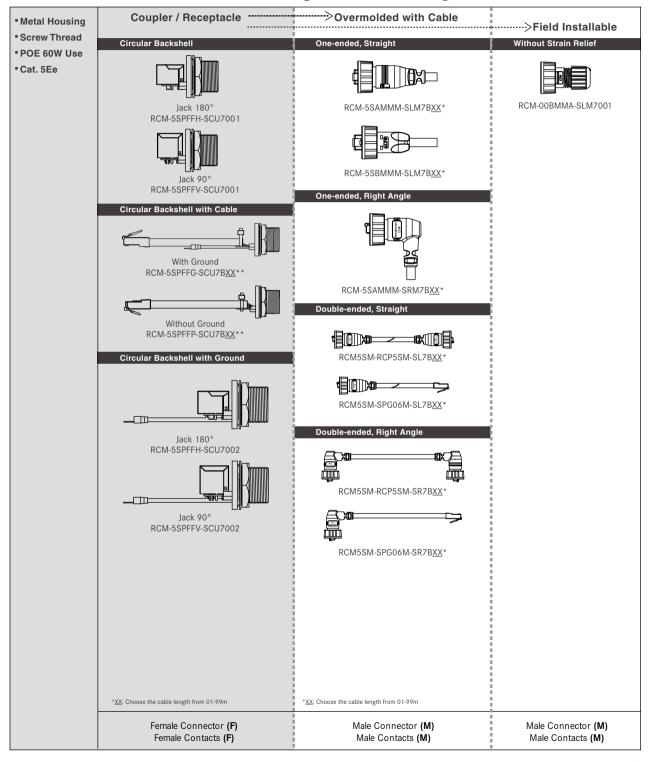
Receptacle I Unmated & Mated Overmolded with Cable I Mated Field Installable I Mated

Find Our Standard Products

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



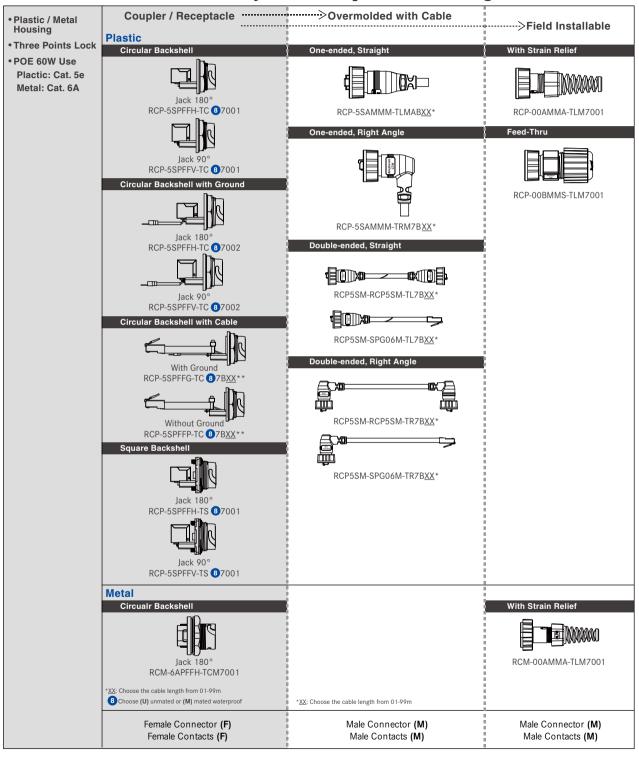
Middle Size: 13/16"-28UNS > Receptacle and Mating Pair



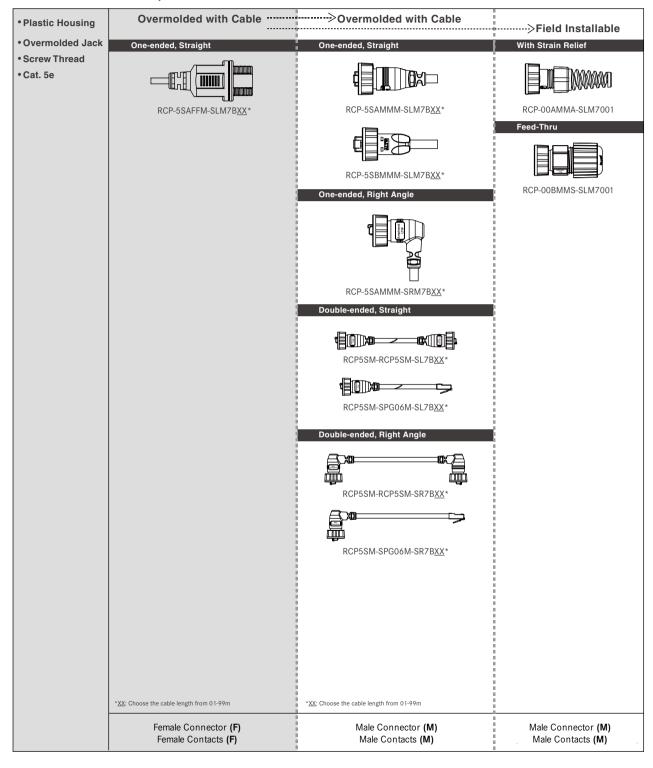
Receptacle and Mating Pair

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

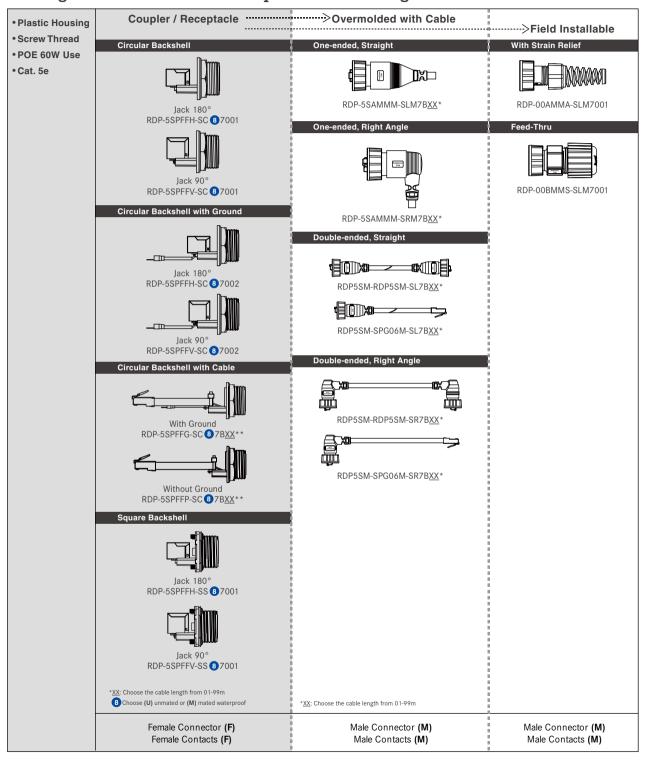


→ Middle Size: 13/16"-28UNS > In-Line

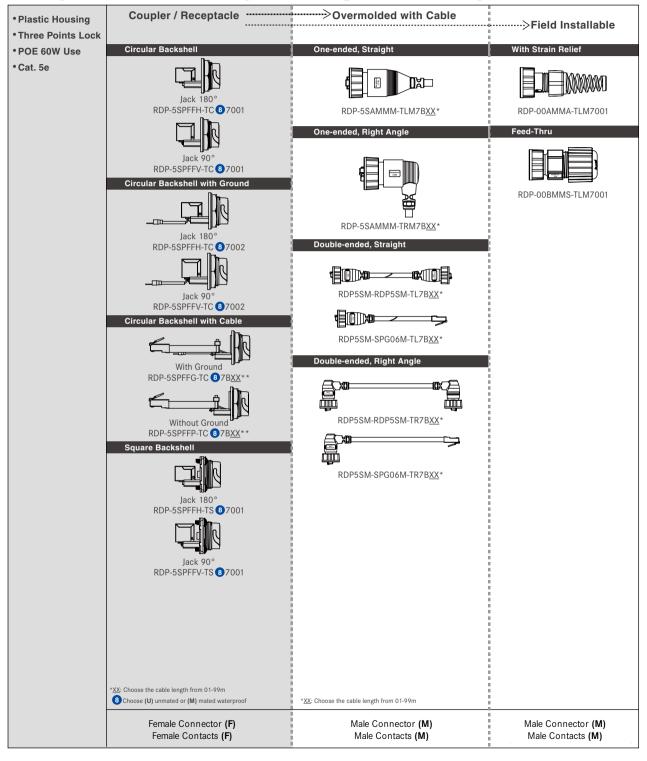


IP 67
Receptacle I Unmated & Mated
Overmolded with Cable I Mated
Field Installable I Mated

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



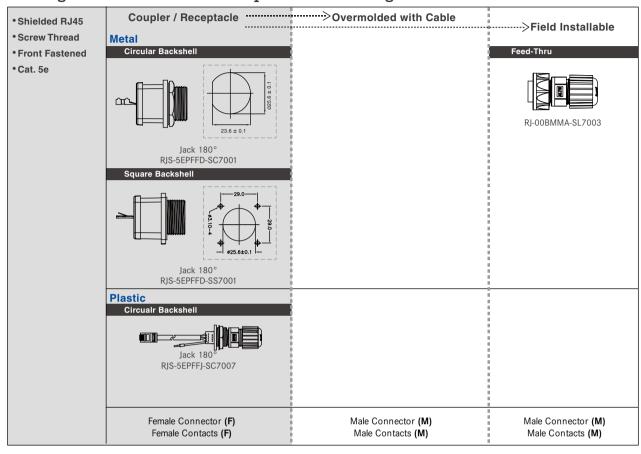
□ Large Size: 3 Points Lock Bayonet > Receptacle and Mating Pair



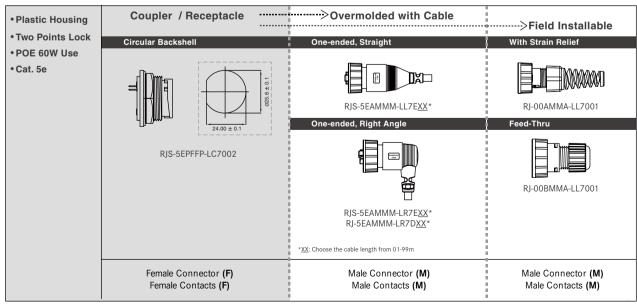
Receptacle and Mating Pair

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

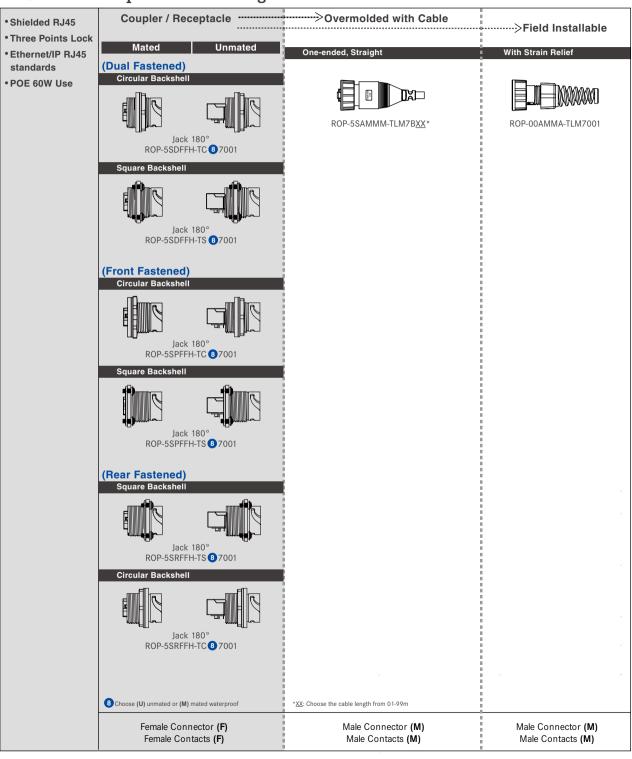
□ Large Size: 1"-20UNEF > Receptacle and Mating Pair



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



□ ODVA > Receptacle and Mating Pair

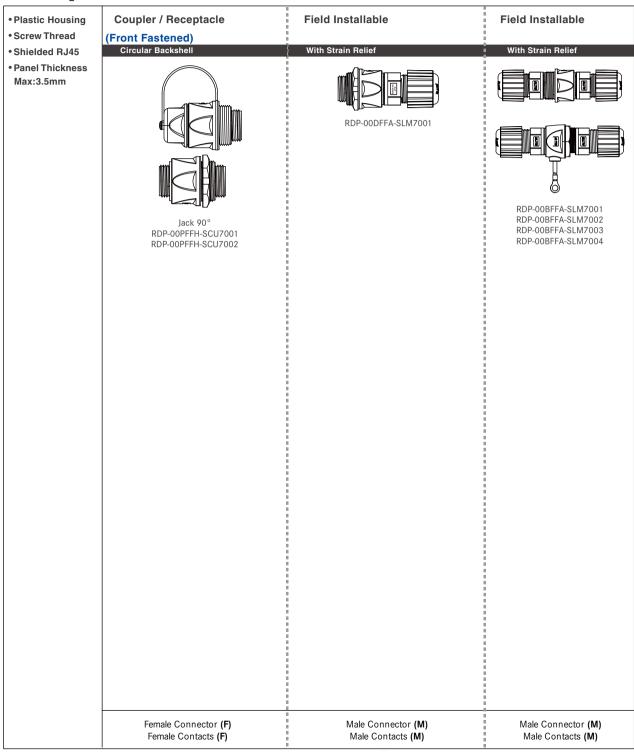


I-Adaptor: Screw Thread

IP 67

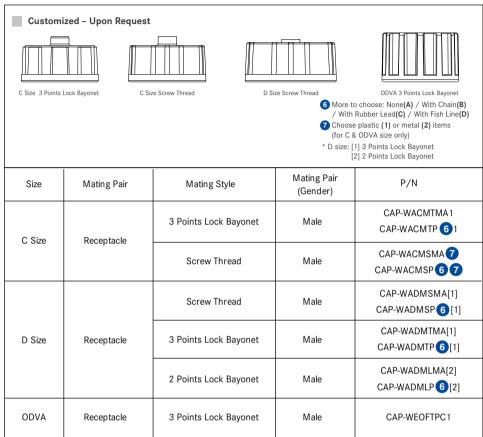
Receptacle I Unmated & Mated Overmolded with Cable I Mated Field Installable I Mated

∠ I-Adaptor

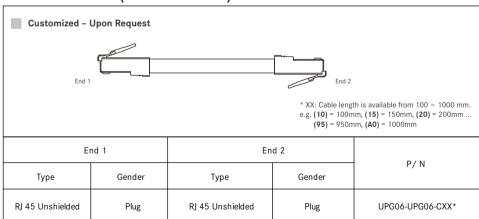


Accessories

△ Waterproof Cap



→ Patch Cable (Double-ended)



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