

RJ Connector



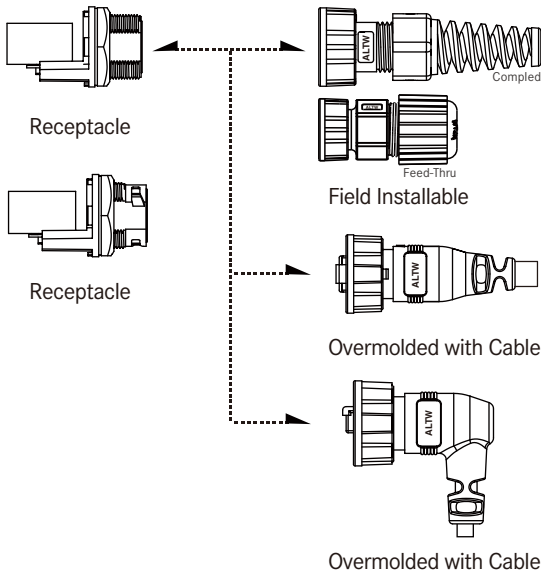
IP 67 9

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

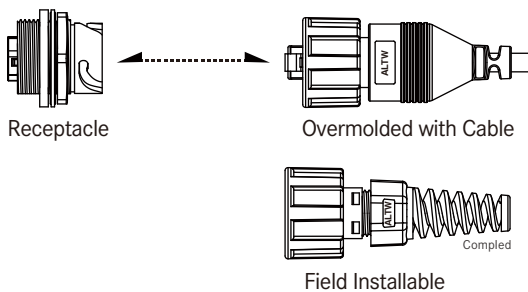


Range Overview

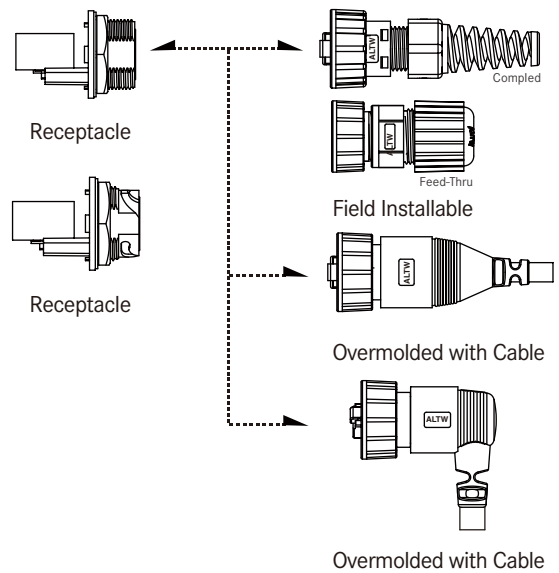
Receptacle and Mating Pair (Middle Size 13/16"-28UNS)



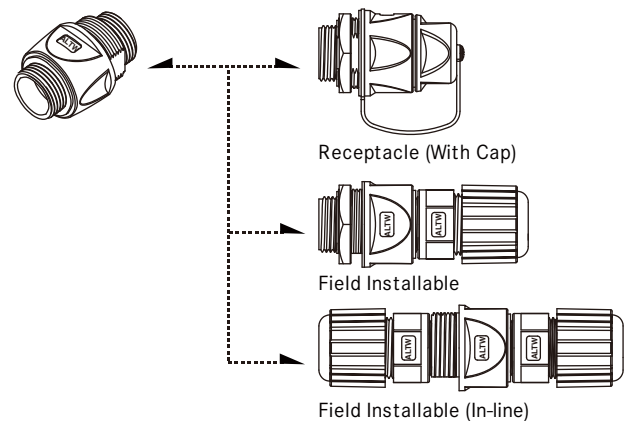
Receptacle and Mating Pair (ODVA)



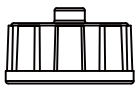
Receptacle and Mating Pair (Large Size 1"20-UNEF)



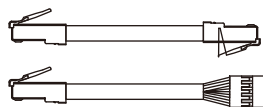
I Adaptor



Accessories



Waterproof Cap
See page 21-17



Patch Cable (Double-ended)
See page 21-24

* Design and specification are subject to change without notice.

Specification

Identifications	Middle Size: 13/16"-28 UNS (Cat. 5e) Large Size: 1"-20 UNEF (Cat. 5e) ODVA
Description	Receptacle Receptacle With Cable Overmolded with Cable Field Installable
Current Rating / Data	100 Base, 100 Base T and 1000 Base T Networks Cat 5E per TIA or EIA 568B Class D per ISO / IEC 11801
Material	Contacts: Copper Alloy with Gold Plated Connector Body (Housing) : PBT (Jack), Polycarbonate (Plug)
Waterproof Rating	IP67
Temperature Range	Receptacle: -40°C~105°C Overmolded with Cable: -20°C~80°C
Contact Resistance	≤ 20mΩ
Insulation Resistance	≥ 500mΩ at DC500V
Durability	750 cycles
Breakdown Voltage	≥ AC1000V / 1 minute
More to know	Flame Test: V0 Thermal shock: -20~80 5cycls Salt Spray Corrosion: 48H POE: 60W /2A Standard Cable Length: 01-99M

Ordering Information

	1	2	3	4	5	6	7	8	9	10
Specification (RCP) RJ45 C Size (Plastic) (RCM) RJ45 C Size (Metal) (RDP) RJ45 D Size (Plastic) (RDM) RJ45 D Size (Metal) (ROP) RJ45 ODVA (Plastic)										
Cat Type & Shielded (00) None (5S) Cat.5e shielded (5U) Cat.5e Unshielded										
Connector Body (Style) <u>> For Receptacle</u> (P) Front Fastened (R) Rear Fastened (D) Dual Fastened <u>> For Overmolded with Cable</u> (A) With Strain Relief (B) Without Strain Relief <u>> For Field Installable</u> (A) With Strain Relief (B) Without Strain Relief										
Connector (Housing) Gender (MM) Plug (FF) Jack										
Assemble Style <u>> For Receptacle</u> (H) Jack 180 (Horizontal) (V) Jack 90 (Vertical) <u>> For Overmolded with Cable</u> (M) Overmolded with Cable <u>> For Field Installable</u> (A) Field installable (Compled) (S) Field installable (Feed-Thru)										
Mating Style (T) 3 Points Lock Bayonet (S) Screw Thread										
Backshell <u>> For Receptacle</u> (C) Circular (S) Square <u>> For Overmolded with Cable</u> (L) Straight (R) Right Angle <u>> For Field Installable</u> (L) Straight										
Waterproof Types (U) Unmated Waterproof (M) Mated Waterproof										
Waterproof Rating (7) IP 67 *IP 68 upon request.										
More information <u>> For Receptacle</u> (001), (002)..... <u>> For Overmolded with Cable</u> (□)+(■) : Cable Type + Cable Length (□) : Cable Type (■) : Cable Length (A) C5e UTP Solid Cable (B) C5e FTP Solid Cable From 1M to 99M EX. (01) = 1M										

* Design and specification are subject to change without notice.



B.C.E. s.r.l.
 Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
 Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
 www.bce.it - E-mail: bce@bce.it



Ordering Information | Double-ended

ALTW waterproof connector to ALTW waterproof connector

ALTW waterproof connector to Standard RJ connector (None Waterproof)

f to Waterproof / Non-Waterproof

1 2 3 4 5 6 7 8 9

Specification (1st End)

(RCP) RJ45 C Size (Plastic)

(RCM) RJ45 C Size (Metal)

(RDP) RJ45 D Size (Plastic)

(RDM) RJ45 D Size (Metal)

(ROP) RJ45 ODVA (Plastic)

Cat Type & Shielded (1st End)

(5U) Cat.5e Unshielded

(5S) Cat.5e Shielded

Connector (Housing) Gender (1st End)

(M) Plug

(F) Jack

Specification (2nd End)

> For Waterproof Connectors

(RCP) RJ45 C Size (Plastic)

(RCM) RJ45 C Size (Metal)

(RDP) RJ45 D Size (Plastic)

(RDM) RJ45 D Size (Metal)

(ROP) RJ45 ODVA (Plastic)

> For Non-Waterproof Plug

(UPG) Unshielded Plug

(SPG) Shielded Plug

Cat Type & Shielded (2nd End)

> For Waterproof Connectors

(5U) Cat.5e Unshielded

(5S) Cat.5e Unshielded

> For Non-Waterproof Plug

(06) Gold Plating 6u"

Connector (Housing) Gender (2nd End)

(M) Plug

Mating Style

(T) 3 Points Lock Bayonet

(S) Screw Thread

Backshell

> For Overmolded with Cable

(L) Straight

(R) Right Angle

More information

> For Overmolded with Cable

(□)+(■) : Cable Type + Cable Length

(□) : Cable Type

(A) C5e UTP Solid Cable

(B) C5e FTP Solid Cable

(■) : Cable Length

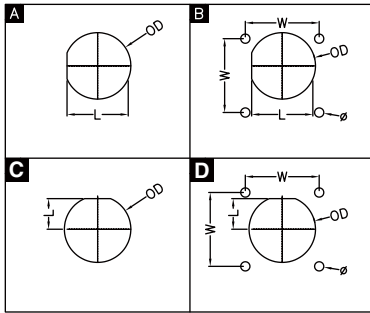
From 1M to 99M

EX. (01) = 1M

Physical Dimension

Receptacle

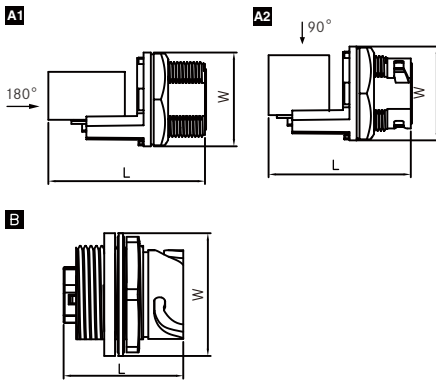
Panel Cut-Out



Type \ Dimension	Type	L / W	OD	Ø
Connector Gender (Housing)	Female			
Middle Size (13/16"-28 UNS)	A	19.4	20.8	-
	B	19.4/24.4	20.8	3.1
Large Size (1"20 UNEF)	A	23.6	25.6	-
	B	23.6/24.4	25.6	3.1
ODVA	C	12.4	27.1	-
	D	12.4/25.9	27.1	M3.0*0.5

Dimensions are shown in millimeters

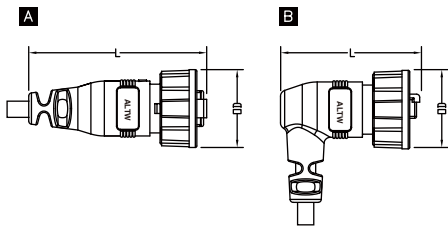
Connector Dimension



Type \ Dimension	Type	Shape	L	W
Connector Gender (Housing)	Female			
Middle Size (13/16"-28 UNS)	A1	Circle	44.0	26.0
		Square	44.0	32.0
	A2	Circle	39.9	26.0
		Square	39.9	32.0
Large Size (1"20 UNEF)	A1	Circle	44.0	32.0
		Square	44.0	32.0
	A2	Circle	39.9	32.0
		Square	39.9	32.0
ODVA	B	Circle	33.2	34.0
		Square	33.2	36.0

* Choose backshell: Circular (C) or Square Flange (S) | Dimensions are shown in millimeters

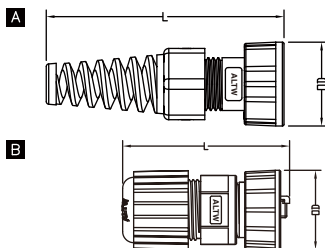
Overmolded with Cable



Type \ Dimension	Type	L		OD	
Connector Gender (Housing)		Female	Male	Female	Male
Middle Size (13/16"-28 UNS)	A	-	58.0	-	25.4
	B	-	45.0	-	25.4
Large Size (1"20 UNEF)	A	-	73.6	-	28.8
	B	-	53.4	-	28.8
ODVA	A	-	79.3	-	31.5

Dimensions are shown in millimeters

Field Installable



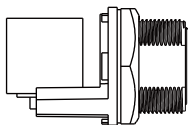
Type \ Dimension	Type	L		OD	
Connector Gender (Housing)		Female	Male	Female	Male
Middle Size (13/16"-28 UNS)	A	-	72.0	-	25.4
	B	-	40.7	-	25.4
Large Size (1"20 UNEF)	A	-	76.7	-	25.4
	B	-	59.7	-	32.0
ODVA	A	-	77.6	-	31.5

Dimensions are shown in millimeters

* Design and specification are subject to change without notice.

Product Features

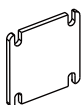
Receptacle



Backshell ⁷

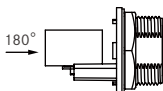
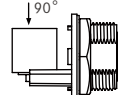


Circular (C)



Square (S)

Assembly Style ⁵

Jack 180
(Horizontal) (H)

Jack 90 (Vertical) (V)

Mating Style ⁶

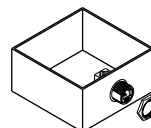


Screw Thread (S)

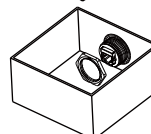
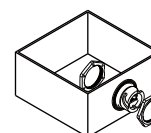


3 Points Lock (T)

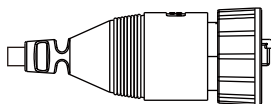
Connector Body(Style) ³



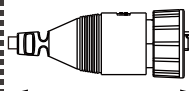
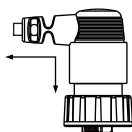
Front Fastened (P)

Rear Fastened(R)
(For ODVA only)Double Fastened (D)
(For ODVA only)

Overmolded with Cable



Backshell ⁷

Straight
(L)Right Angle
(R)

Mating Style ⁶

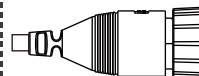


Screw Thread (S)



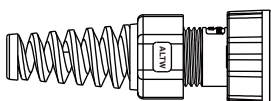
3 Points Lock (T)

Connector Body(Style) ³

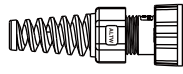


With Strain Relief (A)

Field Installable



Backshell ⁷

Straight
(L)

Mating Style ⁶

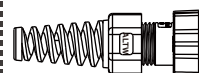


Screw Thread (S)



3 Points Lock (T)

Connector Body(Style) ³

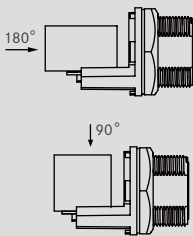
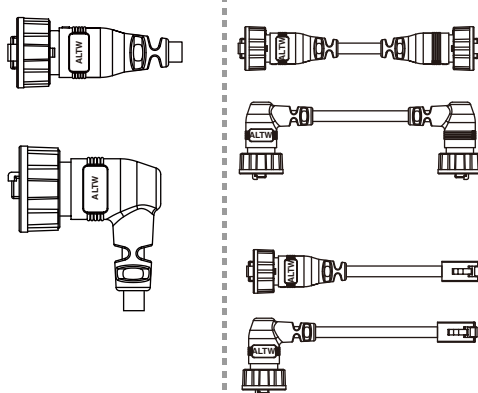
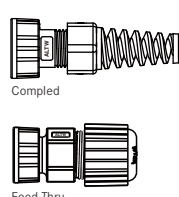


With Strain Relief (A)

* Refer to P8-4 for Ordering Information

Find Our Standard Products

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

<ul style="list-style-type: none">• Female Connector (Housing)• Female Contacts• Screw Thread		Receptacle	Overmolded with Cable		Field Installable
					
		8 Choose unmated (U) or mated (M) waterproof	2 Choose shielded (5S) or unshielded (5U) *** Choose the cable length:01-99m	*** Choose the cable length:01-99m	
Cat. 5e		Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
Plastic	Jack 180	RCP-5SPFFH-SC 8 7001 RCP-5SPFFH-SS 8 7001	RCP-5 2 AMMM-SLM*** RCP-5 2 AMMM-SRM***	RCP5UM-RCP5UM-SL*** RCP5UM-RCP5UM-SR***	RCP-00AMMA-SLM7001 RCP-00BMMS-SLM7001
	Jack 90	RCP-5SPFFV-SC 8 7001 RCP-5SPFFV-SS 8 7001		RCP5UM-UPG06M-SL*** RCP5UM-UPG06M-SR***	
Metal	Jack 180	RCM-5SPFFH-SC 8 7001 RCM-5SPFFH-SS 8 7001	RCM-5 2 AMMM-SLM*** RCM-5 2 AMMM-SRM***	-	-
	Jack 90	RCM-5SPFFV-SC 8 7001 RCM-5SPFFV-SS 8 7001			

*Refer to P8-5 for ordering.

* Design and specification are subject to change without notice.

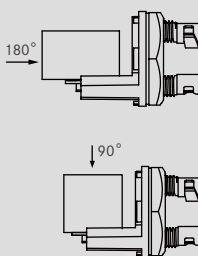
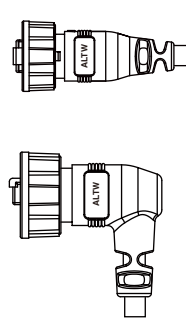
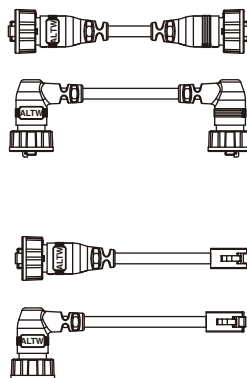
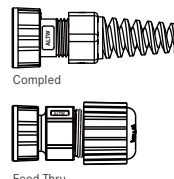
Middle Size 13-16"-28UNS

Receptacle and Mating Pair
3 Points Lock Bayonet

IP 67 ⁹

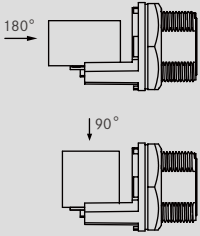
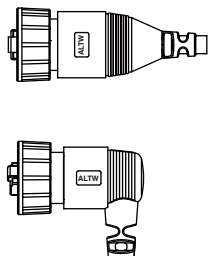
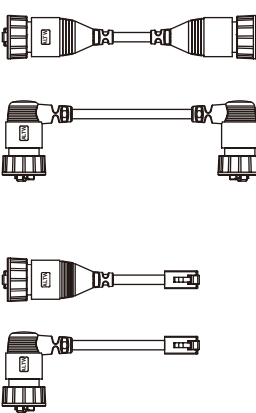
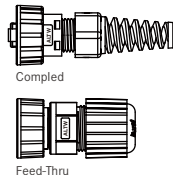
Receptacle | Unmated & Mated
Overmolded with Cable | Mated
Field Installable | Mated

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

<ul style="list-style-type: none">• Female Connector (Housing)• Female Contacts• 3 Points Lock Bayonet		<p>Receptacle</p>  <p>180°</p> <p>90°</p> <p>8 Choose unmated (U) or mated (M) waterproof</p>	<p>Overmolded with Cable</p>  <p>2 Choose shielded (5S) or unshielded (5U) *** Choose the cable length:01-99m</p>	 <p>*** Choose the cable length:01-99m</p>	<p>Field Installable</p>  <p>Compled</p> <p>Feed-Thru</p>
Cat. 5e		Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
Plastic	Jack 180	RCP-5SPFFH-TC 8 7001 RCP-5SPFFH-TS 8 7001	RCP-5 2 AMMM-TLM7*** RCP-5 2 AMMM-TRM7***	RCP5UM-RCP5UM-TL*** RCP5UM-RCP5UM-TR***	RCP-00AMMA-TLM7001 RCP-00BMMS-TLM7001
	Jack 90	RCP-5SPFFV-TC 8 7001 RCP-5SPFFV-TS 8 7001		RCP5UM-UPG06M-TL*** RCP5UM-UPG06M-TR***	

*Refer to P8-5 for ordering information.

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

<ul style="list-style-type: none">Female Connector (Housing)Female ContactsScrew Thread		Receptacle	Overmolded with Cable		Field Installable
					
		8 Choose unmated (U) or mated (M) waterproof	2 Choose shielded (5S) or unshielded (5U) *** Choose the cable length:01-99m	*** Choose the cable length:01-99m	
Cat. 5e		Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
Plastic	Jack 180	RDP-5SPFFH-SC 8 7001 RDP-5SPFFH-SS 8 7001	RDP-5 2 AMMM-SLM7*** RDP-5 2 AMMM-SRM7***	RDP5UM-RDP5UM-SL*** RDP5UM-RDP5UM-SR***	RDP-00AMMA-SLM7001 RDP-00BMMS-SLM7001
	Jack 90	RDP-5SPFFV-SC 8 7001 RDP-5SPFFV-SS 8 7001		RDP5UM-UPG06M-SL *** RDP5UM-UPG06M-SR***	
Metal	Jack 180	RDM-5SPFFH-SC 8 7001 RDM-5SPFFH-SS 8 7001	RDM-5 2 AMMM-SLM7*** RDM-5 2 AMMM-SRM7***	-	-
	Jack 90	RDM-5SPFFV-SC 8 7001 RDM-5SPFFV-SS 8 7001			

*Refer to PB-5 for ordering information.

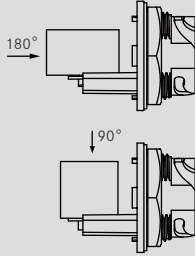
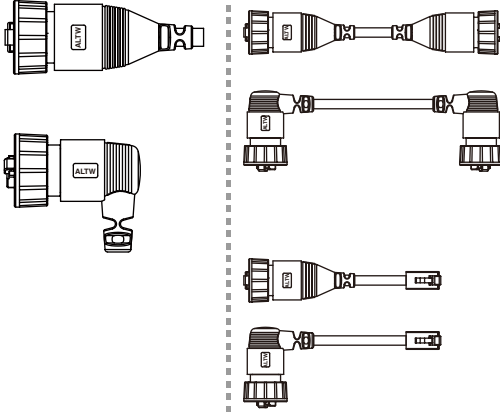
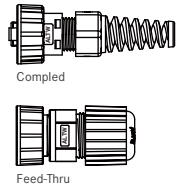
Large Size 1"-20 UNEF

Receptacle and Mating Pair
3 Points Lock Bayonet

IP 67 9

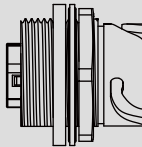
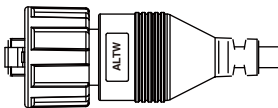
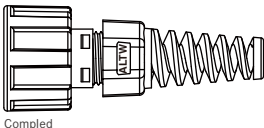
Receptacle | Unmated & Mated
Overmolded with Cable | Mated
Field Installable | Mated

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

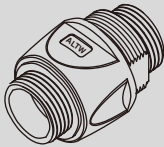
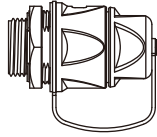
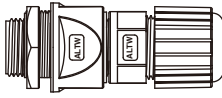

		Receptacle	Overmolded with Cable		Field Installable
<ul style="list-style-type: none"> Female Connector (Housing) Female Contacts 3 Points Lock Bayonet 					
		8 Choose unmated (U) or mated (M) waterproof	2 Choose shielded (5S) or unshielded (5U) *** Choose the cable length: 01-99m		
Cat. 5e		Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
Plastic	Jack 180	RDP-5SPFFH-TC 8 7001 RDP-5SPFFH-TS 8 7001	RDP-5 2 AMMM-TLM7*** RDP-5 2 AMMM-TRM7***	RDP5UM-RDP5UM-TL*** RDP5UM-RDP5UM-TR***	RDP-00AMM(5)-TLM7001 RDP-00BMMS-TLM7001
	Jack 90	RDP-5SPFFV-TC 8 7001 RDP-5SPFFV-TS 8 7001		RDP5UM-UPG06M-TL*** RDP5UM-UPG06M-TR***	

* Refer to P8-5 for ordering information.

ODVA > Receptacle and Mating Pair

<ul style="list-style-type: none"> Female Connector Female Contacts 3 Points Lock Bayonet ODVA 	Receptacle	Overmolded with Cable	Field Installable
	 <p>3 Choose the Back shell position: Front (P) or Rear (R) or Double (D) Mounting</p> <p>8 Choose unmated (U) or mated (M) waterproof</p>	 <p>*** Choose the cable length: 0.1-99m</p>	 <p>Compled</p>
ODVA (ROP)	Female Connector (F) Female Contacts (F)	Male Connector (M) Male Contacts (M)	Male Connector (M) Male Contacts (M)
Jack 180°	ROP-5S 3 FFH-TC 8 7001 ROP-5S 3 FFH-TS 8 7001	ROP-5SAMMM-TLM7***	ROP-00AMMA-TLM7001

I Adaptor

<ul style="list-style-type: none"> Shielded RJ45 Front Fastened Screw Thread Backshell: Circular Panel Thickness Max: 5.0mm IP 67 			
	 <p>* Field Installable with cap available (Upon Request)</p>		
			
	Type 1 Receptacle (With Cap)	Type 2 Field Installable	Type 3 Field Installable (In-line)
	RDP-00PFFH-SCU7001	RDP-00PFFA-SLM7001	RDP-00BFFA-SLM7001

~ M E M O ~



B.C.E. s.r.l.
Via Regina Pacis, 54/c - 41049 SASSUOLO (MO) Italy
Tel. +39 0536 811.616 r.a. - Fax +39 0536 811.500
www.bce.it - E-mail: bce@bce.it

