

# Waterproof Bayonet Coupling Circular Connector IP67

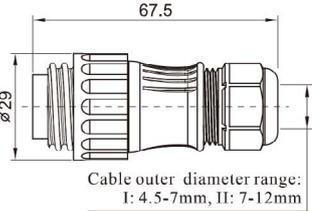
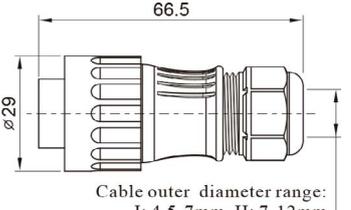
**multicomp** PRO

**RoHS  
Compliant**



Material and Specification		
Number of contact	3+PE	6+PE
Contact diameter (mm)	ϕ2	ϕ1.5
Rated voltage (AC.V)	400	250
Rated current (A)	16	10
Wire size (mm <sup>2</sup> /AWG)	≤2. 5/ 14	≤0.75/18
Termination	Screw	Solder
Test voltage(AC.V)1min	2000	
Insulation resistance (MΩ)	2000	
Shell material	Nylon66, fire resistance:V-0	
Contact material	Brass with gold plating	
Temperature range	-40°C to +85°C	
Mating cycle	500	

## Specification Table

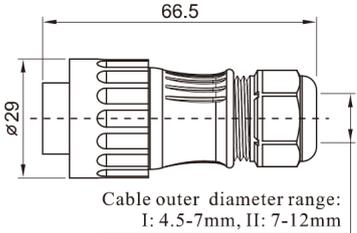
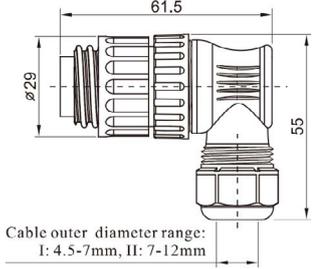
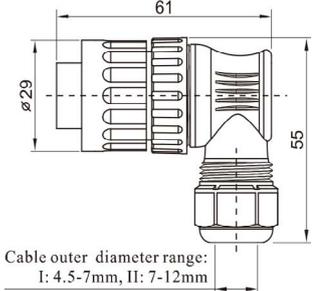
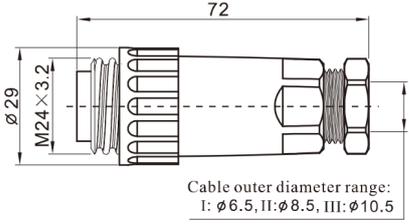
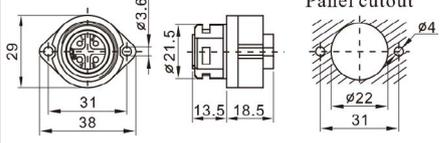
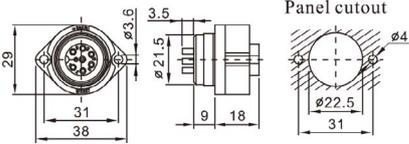
Part Number	Description	Drawing
 MP007690 MP007691	3+PE male cable connector with short back shell, screw termination	 Cable outer diameter range: I: 4.5-7mm, II: 7-12mm
 MP007706 MP007707	6+PE male cable connector with short back shell, solder termination	 Cable outer diameter range: I: 4.5-7mm, II: 7-12mm

Newark.com/multicomp-pro  
 Farnell.com/multicomp-pro  
 sg.element14.com/b/multicomp-pro

**multicomp** PRO

# Waterproof Bayonet Coupling Circular Connector IP67

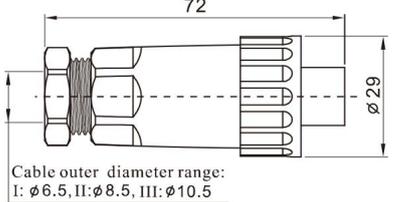
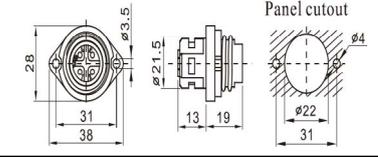
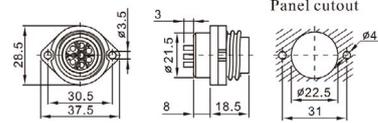
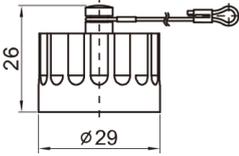
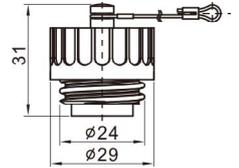
**multicomp** PRO

Part Number	Description	Drawing
MP007682 MP007683	3+PE female cable connector with short back shell, screw termination	
MP007698 MP007699	6+PE female cable connector with short back shell, solder termination	
MP007692 MP007693	3+PE male cable connector with angled back shell, screw termination	
MP007708 MP007709	6+PE male cable connector with angled back shell, solder termination	
MP007684 MP007685	3+PE female cable connector with angled back shell, screw termination	
MP007700 MP007701	6+PE female cable connector with angled back shell, solder termination	
MP007687 MP007688 MP007689	3+PE male cable connector, screw termination	
MP007703 MP007704 MP007705	6+PE male cable connector, solder termination	
MP007686	3+PE female panel connector, screw termination	
MP007702	6+PE female cable connector, solder termination	

**multicomp** PRO

# Waterproof Bayonet Coupling Circular Connector IP67

**multicomp** PRO

Part Number	Description	Drawing
MP007679 MP007680 MP007681	3+PE female cable connector, screw termination	 <p>Cable outer diameter range: I: <math>\phi</math> 6.5, II: <math>\phi</math> 8.5, III: <math>\phi</math> 10.5</p>
MP007695 MP007696 MP007697	6+PE female cable connector, solder termination	
MP007678	3+PE male panel connector, screw termination	
MP007694	6+PE male panel connector, solder termination	
MP007710	Cap for External Thread	
MP007711	Cap for Internal Thread	

## Specification Table

Part Number	Connector Type	Number of Contacts	Termination	Contact Gender	Cable Outer Dia.	Threaded
MP007690	Short Back Shell Cable Mount Connector	4	Screw	Pin	4.5mm to 7mm	External
MP007691		4	Screw	Pin	7mm to 12mm	External
MP007706		7	Solder	Pin	4.5mm to 7mm	External
MP007707		7	Solder	Pin	7mm to 12mm	External
MP007682		4	Screw	Socket	4.5mm to 7mm	Internal
MP007683		4	Screw	Socket	7mm to 12mm	Internal
MP007698		7	Solder	Socket	4.5mm to 7mm	Internal
MP007699		7	Solder	Socket	7mm to 12mm	Internal

**multicomp** PRO

# Waterproof Bayonet Coupling Circular Connector IP67

**multicomp** PRO

Part Number	Connector Type	Number of Contacts	Termination	Contact Gender	Cable Outer Dia.	Threaded
MP007692	90 degree Angled Back Shell Cable Mount Connector	4	Screw	Pin	4.5mm to 7mm	External
MP007693		4	Screw	Pin	7mm to 12mm	External
MP007708		7	Solder	Pin	4.5mm to 7mm	External
MP007709		7	Solder	Pin	7mm to 12mm	External
MP007684		4	Screw	Socket	4.5mm to 7mm	Internal
MP007685		4	Screw	Socket	7mm to 12mm	Internal
MP007700		7	Solder	Socket	4.5mm to 7mm	Internal
MP007701		7	Solder	Socket	7mm to 12mm	Internal
MP007687	Cable Mount Connector	4	Screw	Pin	6.5mm	External
MP007688		4	Screw	Pin	8.5mm	External
MP007689		4	Screw	Pin	10.5mm	External
MP007703		7	Solder	Pin	6.5mm	External
MP007704		7	Solder	Pin	8.5mm	External
MP007705		7	Solder	Pin	10.5mm	External
MP007679		4	Screw	Socket	6.5mm	Internal
MP007680		4	Screw	Socket	8.5mm	Internal
MP007681		4	Screw	Socket	10.5mm	Internal
MP007695		7	Solder	Socket	6.5mm	Internal
MP007696		7	Solder	Socket	8.5mm	Internal
MP007697		7	Solder	Socket	10.5mm	Internal
MP007678		Panel Mount Connector	4	Screw	Pin	-
MP007694	7		Solder	Pin	-	External
MP007686	4		Screw	Socket	-	Internal
MP007702	7		Solder	Socket	-	Internal

## Dust Cap

Part Number	Description
MP007710	Dust Cap for External Thread Connectors
MP007711	Dust Cap for Internal Thread Connectors

**Important Notice :** This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro  
Farnell.com/multicomp-pro  
sg.element14.com/b/multicomp-pro

**multicomp** PRO