

# JL10/W Series (Outdoor Environment Circular Connector)

## Outdoor Environment Circular Connector



The JL10/W Series is an outdoor circular connector equipped with a bayonet style one-touch lock enabling fast mating and unmating, while providing a reliable lock when in the mated condition.

## Features

- IP67 water and dust-proof with excellent environmental performance (including corrosion resistance) for outdoor use
- Secure mating with a bayonet lock system providing superior operability and efficiency (less screw tightening and no need for torque management)
- Mating assurance confirmation through aligned guide marks (white arrows) on the plugs and receptacles

## Applications

Base stations for mobile communication devices, outdoor installed equipment, and other various outdoor equipment.

## General Specifications

<b>Number of Positions</b>	22-22	4 pos.
	22-A3	3 pos.
<b>Arrangement, (Contact Size X No. of Contacts)</b>	22-22	#8*4
	22-A3	#8*3

<b>Rated Current (Per Contact)</b>	46 A/pos.
<b>Rated Voltage</b>	500 VAC
<b>Over Voltage Category</b>	II
<b>Pollution Degree</b>	2
<b>Dielectric Withstanding Voltage</b>	2000 VAC (1 minute)
<b>Insulation Resistance</b>	1000 megohm min. (DC 500V energized)
<b>Waterproof Performance</b>	IP67
<b>Wire Termination Method</b>	22-22 Receptacle: solder Plug: crimp or solder 22-A3 Receptacle: solder Plug: Crimp
<b>Durability Mating Cycles</b>	500 mating cycles

**Notice**

1. The values specified in this web site are only for reference. The products and their specifications are subject to change without notice. Contact our sales staff for further information before considering or ordering any of our products.  
For purchase, a product specification must be agreed upon.
2. Users are requested to provide protection circuits and redundancy circuits to ensure safety of the equipment, and sufficiently review the suitability of JAE's products to the equipment.
3. The products presented in this web site are designed for the uses

recommended below.

We strongly suggest you contact our sales staff when considering use of any of the products in any other way than the recommended applications or for a specific use that requires an extremely high reliability.

(1) Applications that require consultation:

\*Please contact us if you are considering use involving a quality assurance program that you specify or that is peculiar to the industry, such as:

Automotive electrical components, train control, telecommunications devices (mainline), traffic light control, electric power, combustion control, fire prevention or security systems, disaster evention equipment, etc.

\*We may separately give you our support with a quality assurance program that

you specify, when you think of a use such as :

Aviation or space equipment, submarine repeaters, nuclear power control systems, medical equipment for life support, etc.

(2) Recommended applications include:

\*Computers, office appliances, telecommunications devices (terminals, mobile units), measuring equipment, audiovisual equipment, home electric appliances, factory automation equipment, etc



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