

## Features

- Bayonet Coupling
- IP67
- 2-35 Poles
- Cable to Cable and Cable to Panel Connections

## RS PRO Industrial Circular Connectors

RS Stock No.: 250-6166



RS PRO Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the

leading brands without paying a premium price.

## Product Description

The RS PRO SY29 series is a range of lightweight but robust waterproof connectors, which are sealed to IP67. Bayonet coupling ensures a quick and secure connection, even in the harshest environments. Versions are available for in-line cable to cable and for cable to panel connections. Plugs and receptacles are available with either male pins or female sockets. These products are ideal for use in outdoor applications where a secure, waterproof connection is required.

## General Specifications

Number of Contacts	12
Housing Material	Nylon 66
Contact Material	Brass
Contact Plating	Gold
Contact Gender	Female
Mating Type	Bayonet
Body Orientation	Straight
Contact Carrier	PPS
O-Ring	Silicone
Colour	Black
Mating Cycles	500
Application	Outdoor Lighting, Outdoor Security Cameras, Off-Road Vehicles, Industrial Control Systems

## Electrical Specifications

Plug/Socket	Plug
Current Rating	10A
Voltage Rating	500 VAC
Insulation Resistance	2000M $\Omega$
Contact Resistance	2.5m $\Omega$

## Mechanical Specifications

Termination Method	Solder
Mounting Type	Cable Mount
Cable Outer Diameter	13-16mm
Contact Diameter	1.5mm

## Operation Environment Specifications

Operating Temperature	-40C to +85C
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## Protection Category

IP Rating	IP67
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## Approvals

Compliance/Certifications	CE, RoHS
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