





# Datasheet

the number of pins	RJ45	USB	HDMI	Optical fiber	
The PIN map					
Rated current	<1.5A	<1.5A			
Operating voltage	125V	30V			
Withstanding Voltage	1000V	500V			
Contact resistance	<40.0mΩ	<30.0mΩ			
Insertion Loss				<0.7db	
Return Loss				<65db	
Contact	500time Max				
Working temperature	-40°C ~ +80°C				
Vibration	Frequency: 5~200Hz, amplitude: 5mm, speed: 10m/s,0.10us without instantaneous break				
Salt fog	PH6.5-7.2,NaCl,5% 48H				
Cable specification	0.15mm <sup>2</sup> -0.2mm <sup>2</sup> /26-24AWG	0.1mm <sup>2</sup> -0.2mm <sup>2</sup> 28-24AWG			
Diameter range	Φ5.5 -Φ7.0mm			Φ5.0 Ref.mm	Φ3.0 Ref.mm
Protection level	IP65/IP68 ( When mated and under water depth 1.5m , Time :1H )				
Certification standards	Comply with the IEC61984 and UL1977/2238 certification standards				

## Materials

Housing&insulation parts	High-performance engineering plastics
Hardware	Zinc alloy (pearl hard chrome)
cooper pins	Copper alloy (gold-plated 4U)
waterproof cover	Silica gel
Flammability rating	UL94-V0

## Product List

Male connector



Female connector



## Dimension figure

