

# OD Connector Series

## RJ45 Modular Plug 8-Pin Network Connectors

### Features

- Gold plated leads for better data transmitting and higher signal strength
- Suitable for 26-23AWG network cable
- Single piece construction
- UL1863 standard and RoHS Compliant



### Specifications

PHYSICAL CHARACTERISTICS	
Plug Type	Modular Plug
Contact Blade	Phosphor bronze plated with 50u" gold over 100u" nickel undercoat
ELECTRICAL CHARACTERISTICS	
Current Rating	1.5 A maximum
Characteristic Impedence	100 Ohms
Insulation Resistance	100 Mohms Min
Contact Resistance	20 Mohms Max
Voltage Rating	30 VAC maximum
MECHANICAL CHARACTERISTICS	
Cable Retention Force	40 lbs Max
Max Insertion and Withdrawal Force	22 N
Humidity	10% to 90% R.H.
WIRE RANGE	
Conductor Diameters	0.41mm to 0.52mm (26AWG to 23AWG)
Conductor Type	Solid; Stranded
Insulation Diameters	0.98mm to 1.05mm
Cable Diameters	5.0mm to 7.0mm
APPLICABLE STANDARDS	
UL Specification	UL 1863
EIA Specification	EIA-364
EU RoHS Compliant (Y/N)	Y

### Available Options

ODRJ4563	CAT6 3Mil unshielded RJ45 network modular plug connector	CAT6, 3Mil
ODRJ4566	CAT6 6Mil unshielded RJ45 network modular plug connector	CAT6, 6Mil
ODRJ4569S	CAT6 FTP RJ45 network modular plug connector	CAT6, FTP
ODRJ4579S	CAT7 STP RJ45 network modular plug connector	CAT7, STP
ODRJ1103	CAT3 unshielded RJ11 modular plug connector	CAT3
ODRJ6688	CAT6 toolless unshielded modular plug connector	CAT6, Toolless
ODRJ6688SA	CAT6a toolless shielded modular plug connector	CAT6a, Shielded, Toolless
ODRJ6689A	CAT6a toolless unshielded modular plug connector	CAT6a, Toolless
ODRJ4566PT	CAT6 RJ45 Pass Through Connector 6 Mil	CAT6, Pass Through
ODRJ4569SPT	CAT6 FTP RJ45 Pass Through Connector 6 Mil	CAT6, FTP, Pass Through