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JONHON

China Aviation Optical-Electrical Technology Co., LTD



CIRCULAR CONNECTOR



● D38999 I
Bayonet coupling, 9 shell sizes,
74 types polarization



● D38999 II
Bayonet coupling, small size,
light weight, short shell



● D38999 III
Tri-thread coupling, composite,
aluminium or stainless steel shell



● CT40
Standing 175 °C
and 140MPa, for oil well
logging, salvage equipment



● CT52
Meeting IEC80130-9, IP67,
ROHS certified, 5A per contact



● XC158
Hyperboloid wire spring socket,
aluminium alloy lasting 200h in
salt spray



● D38999 IV
High density, EMI/RFI shielding,
maximum 128 cores



● D38999 FILTERED
Perfect EMI and RFI shielding,
same size to regular ones



● D38999 PCB
3 types of contacts, long, short
or medium length



● EXA
50M underwater seal, stainless
steel, bayonet coupling



● EXB
Applied in oil field top drive
system, max 51 circuits



● A950
Tri-thread coupling, hyperboloid
sockets, maximum 187 circuits



● MIL 26482 I
Bayonet coupling, welding
contacts, small volume



● MIL 26482 II
Bayonet coupling, removal
contacts, RFI shielding plug



● MIL 5015
Meeting MIL-DTL-5015,
4 contact layouts, removal pins



● TS
Liquid cooling connectors
for commercial and
military chassis



● YMB
Tri-thread to achieve fast
coupling, 9 shells and 60
contact arrangements



● YMG
Bayonet coupling, crimping
and welding contacts avail-
able for receptable



● MIL 83723
Consistent with MIL-C-83723,
9 shells and 31 contact layouts



● CT90
For solar photovoltaic industry,
20A ~ 30A, 1000V, IP65



● F
Push and pull locking structure,
for small space mounting



● TYD
Meeting NF F61-030 standard,
IP67, 3 kinds of shells



● TYP
Hyperboloid wire spring
socket, welding and crimping
contacts available



● YTC
For high voltage underground
signal transmission, removable
contacts

RECTANGULAR CONNECTOR



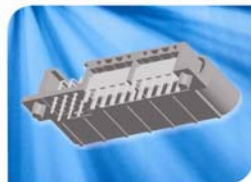
● DP2

Power and signal contacts mixed, distribute power and control signal in telecom



● DP6

UL approved, flame rating UL94-V0, various power and signal contact arrangements



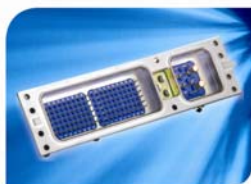
● DP8

Various combinations of power and signal contacts, UL approved and flame rating UL94-V0



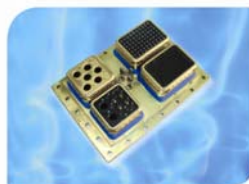
● J16

Consistent with MIL-C-81659B, module combination structure



● S6

Consistent with ARINC 600 for commercial and military avionics



● S7

Meeting MIL-DTL-83527B standard, better EMI shielding



● J30J

Meeting MIL-C-83513, equivalent to American MDM series



● J70

According to MIL-DTL-32139A, 9 ~ 65 circuits, various terminations



● HEAVY DUTY

Meeting DIN 175301-801 standard, for rolling stock and wind turbine



● DL

For power supply, 6 contacts for different current, 1 to 52 circuits



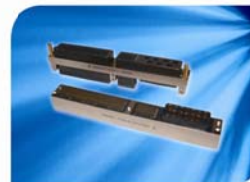
● CRM

According to MIL-C-55302 standard, 10 to 402 circuits, 1.905mm pitch



● J14

Hyperboloid wire spring socket, J14A with dual locking system, J14Q with screw locking structure



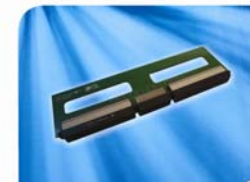
● LRM

For SEM-E, SEM-D and ASSAC modules



● H2

Performance meets IEC 61076-4-101 and CPCI



● VME

Performance meets ANSI/VITA 1.5-2003, for VME 64 and VME 64x modules



● CZ15

For power cabinet in telecom, power and signal contacts mixed, UL&TUV approved



● CZ16

For PCB, power and signal contacts available



● WL

For oil logging scanner, 24 and 25 circuits available



● 1553B

Meeting the requirements of MIL-STD-1553B standard



● CJ10

Intermateable with Russian PPKM series, connecting AC and DC circuits



● RD

High speed connector, meeting 1000 Base-T and DV12.0



● GFII

Meeting IEC61076-4-101, with shielding function



● J12

Referred to NF-C93462, crimping terminals, various layouts



● J60

High & low frequency mixed, anti-water sealed, EMI shielding

FIBER OPTICS



● OPTICAL SET

This set includes optical connectors, adapters and optical devices



● ADAPTER

FC, SC, ST, LC, MPO adapters in reference to IEC61754



● OPTICAL MODULE

Ethernet media converter with interface CAN, RS422 or RJ45



● OPTICAL DEVICE

Integrated optical devices with various interfaces



● OPTICAL MODULE

SFF modules with 1.25G or 2.5G speed for SM or MM



● VALUE ADDED MODULE

SFF modules mounting on print circuit board



● RS232

Using on computers, DC-115.2K speed, for ST-ST MM fiber



● LRM

Same mounting dimensions with various optical and electrical contacts layouts



● MR

Complying with IEC60603-2 series M, integrating power and optical contacts



● GDJ

Customized optical and power mixed connector, MPO, MTRJ, MT contacts available



● RP

Removal MT optical contacts, maximum 48 channels



● 1 CHANNEL ROTARY CON

Metal shell, wall through structure



● 4 CHANNELS ROTARY CON

Bigger size, metal shell, for radar, balloon etc.



● GYC

Metal shell, tri-thread coupling, 2-6 channels.



● PDLC

Metal shell, anti-water structure, for indoor and outdoor usage



● D38999

Meeting MIL-DTL-38999 III, metal shell, wall-through structure



● SFP

SFP interface, for high speed electrical signals, supporting hot plug



● OPTICAL CONNECTOR

Different optical connectors at the ends of the optic fiber



● VALUE ADDED SYSTEM

Various optical connectors, integrating in one box



● 8 CHANNELS FOT

10/100/1000M auto adaptive, 8 channels work simultaneously or respectively



● GYZ

Composite shell, wall trough structure, 2, 4 or 6 channels

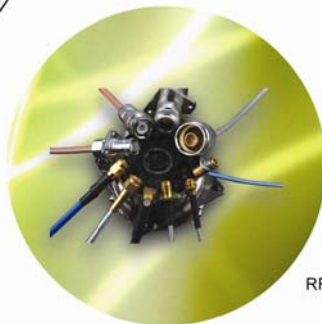
Cable Assemblies



Watertight Large Current
Harness for Marine Vessel



Multi-Circuit Assemblies for
Power System



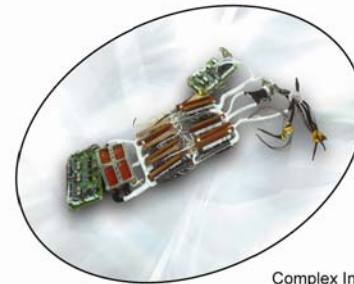
RF Coaxial Cable Assemblies



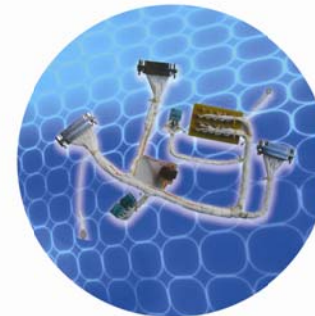
Harsh Environmental
Overmolded Cable



Multi-Branch Assemblies
with Fabric Braiding



Complex Interconnect
Assemblies with Diverse
Kinds of Connectors



Open Wire Bundle Assemblies



Multi-Branch Assemblies with Fabric
Braiding for thermal environment



Fully Integrated Interconnect System



Optimized Connector Design
with Enhanced Functionality

TELECOM



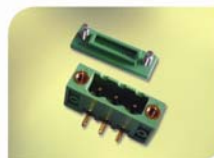
JONHON offers differential fiber optic and electrical connection systems for applications such as military jets, communication shelters designed to carry digitized video, voice and data. JONHON's telecom connecting systems are all optimized for low dB optical loss and mating cycle durability.



● **DL**
For power supply, 6 contacts for different current, 1 to 52 circuits



● **DP2**
Power and signal contacts mixed, distributing power and control signal in telecom



● **CZ5**
Φ1 contacts, 1 or 2 rows, 3 to 40 circuits



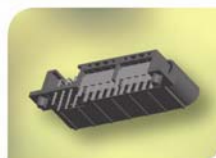
● **CZ15**
For power cable in telecom, power and signal contacts mixed, UL&TUV approved



● **CZ16**
For PCB, power and signal contacts available



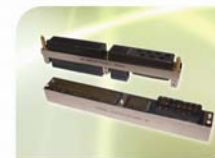
● **DP6**
UL approved, flame rating UL94-V0, various power and signal contact arrangements



● **DP8**
Various combination of power and signal contacts, UL approved and flame rating UL94-V0



● **H2**
Performance meets IEC61076-4-101 and CPCI



● **LRM**
For SEM-E, SEM-D and ASSAC modules



● **1553B**
Meeting the requirements of MIL-STD-1553B standard



● **YW**
RJ45 and USB interface available, two types: adapter and port



● **DIFFERENTIAL**
For high speed data transmission, like LVDS, IEEE and so on



● **CT52**
Meeting IEC60130-9, IP67, ROHS certified, 5A per contact



● **CT63**
Derived from MIL-C-26482, IP68, 11 contact arrangements, 13A per contact



● **F**
Push and pull locking structure, for small space mounting



● **CT73**
For 3G, 4 contact layouts, rating current from 5A to 40A

RAILWAY



JONHON earns great reputation from customers for its rich experience in signal and power connectors. The applications include underground, locomotive, carriage, and high-speed train. JONHON now is the leading connector supplier of China's railway network.



● **TY**
Wire spring socket, removal contacts, bayonet coupling



● **TYD**
Meeting NF F61-030 standard, IP67, 3 kinds of shells



● **TYE**
Meeting NF F61-030 standard, 1 type of shell



● **TYP**
Hyperboloid wire spring socket, welding and crimping contacts available



● **MIL 26482**
According to MIL-C-26482 standard, welding contacts for series I, removal ones for II



● **JYB**
Meeting MIL-DTL-5015 standard, 4 contact layouts, removal contacts



● **CT63**
Meeting IEC60130-9, IP67, ROHS certified, 8 contact arrangements, 5A per contact



● **TJ19**
Φ1.5 and Φ3 contacts available, kinds of module combinations



● **HEAVY DUTY**
Meeting DIN 175301-801 standard, for rolling stock and wind turbine

ENERGY

JONHON now takes a great effort to explore the world energy market, especially in the oil, coal and wind power industry. JONHON offers a wide range of robust, space and cost effective connectors for different functioning equipment in these fields.



● **CT40**
Standing 175 °C and 140MPa, for oil well logging, salvage equipment



● **WL**
For oil logging scanner, 24 and 25 circuits available



● **YTC**
For high voltage underground signal transmission, removable contacts



● **YTD**
For top drive system in oil field, meeting explosion-proof requirements



● **EXA**
50M underwater seal, stainless steel, bayonet coupling



● **EXB**
Applied in oil field top drive system, max 51 circuits



● **CT90**
For solar photovoltaic industry, 20A ~ 30A current and 1000A voltage, IP65



● **CT75A**
For solar photovoltaic industry, standing the sunlight ageing irradiation



● **HEAVY DUTY**
Meeting DIN 175301-801 standard, for rolling stock and wind turbine

Chairman Note

A Brief Introduction of JONHON

China Aviation Optical-Electrical Technology Co., Ltd (short as JONHON) established in 1970, is a listed company hold by Aviation Industry Corporation of China (known as AVIC). Through years' development, JONHON is now not only a leading supplier of optical and electrical connectors, but also an emerging provider of cable assembly. The advantage of JONHON lies in offering cost effective and high performance connection solutions. For customers' satisfaction, JONHON continuously introduce advanced manufacturing machines and sophisticated test equipments, implement lean production methods, increase the R&D ability, recruit creative and prudent engineers and keep a close eye to the market.

These pages detail JONHON' s product portfolio, comprising both electrical and optical connectors, suited for application in industry segments—telecommunication, railways and energy. With extensive capability, JONHON is able to quickly develop customized products, from prototype to production.

Whether you are in the initial design phase of a major product or to make your current product competitive, JONHON is ready to help.

JONHON' s Capacity

JONHON is highly integrated to design, manufacture, assemble and ship a various types of electrical, filtered, sealed and optic interconnections. At JONHON R&D center, teams of scientists, engineers and technicians work closely with the production and marketing departments, to ensure the development of innovative new products and drive continuous improvements in technology. New and innovative solutions are under development every day. Based on advanced information systems, JONHON operations involve all necessary processes in the manufacturing of connectors, from machining, molding, surface treatment, to assembling and packaging of finished products. Quality is always JONHON' s first concern. Quality Assurance system spans all processes and meets the requirements of AS9100. Sophisticated testing facilities provide the testing capability include vibration and shock testing, humidity, engagement & separation force evaluation, durability testing, altitude simulation as well as salt spray, optical performance testing.

