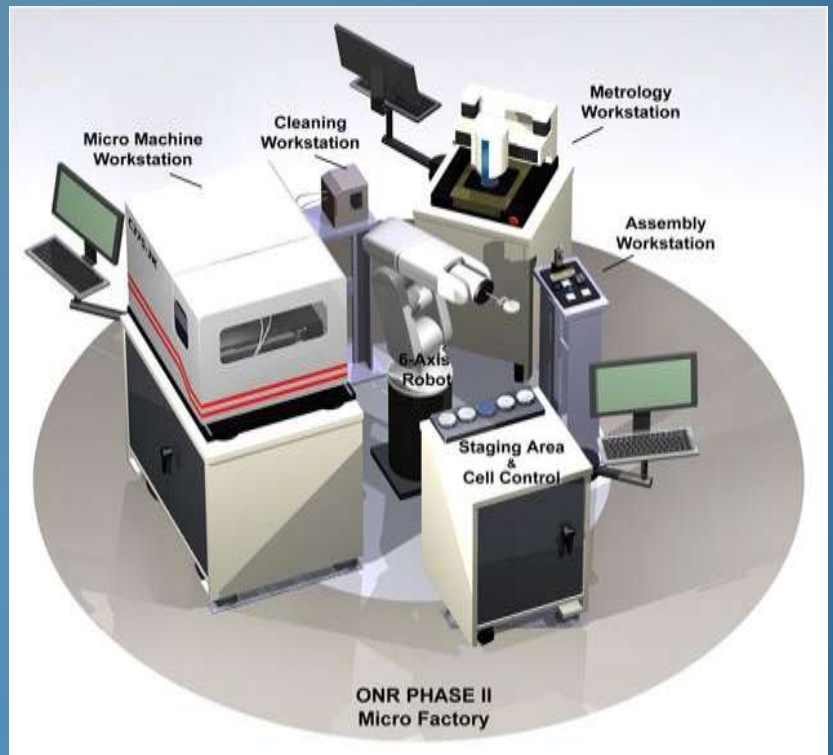


Connectors for Automation, Robotics and Digital Vision Systems



Hirose provides innovative, cutting edge solutions to your interconnect requirements. With over 70 years of experience in design, development and manufacturing of interconnect solutions for the consumer, medical, industrial, and automotive markets, Hirose has established itself as the technology leader. Hirose remains at the forefront of interconnect technology, working closely with customers to develop innovations in miniaturization, high speed data transmission, signal integrity and mechanical design.

For more info please contact our local sales representative or visit us at:
www.HiroseUSA.com

CONNECTORS for AUTOMATION, ROBOTICS and DIGITAL VISION SYSTEMS

Robotics and Digital Vision Applications



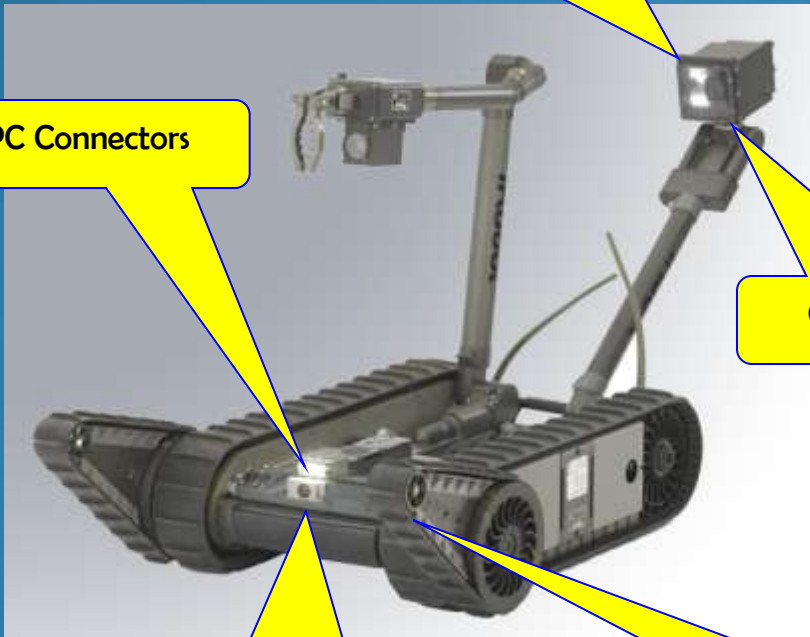
Optical Connectors
and Devices

FPC Connectors

Circular Connectors

Board-to-Board
Connectors

Board-to-Wire
Connectors



The products depicted in this brochure are a sampling of the many connector solutions manufactured by Hirose. For details on these products and to view our full line of connectors, please go to:

www.HiroseUSA.com

Circular

EM Series: DIN rail mount, power to 50 amperes, 4 contacts

H/MS Series: 5015 style, 2-46 amperes, 2-19 contacts

HR10A Series:

Miniature push-pull lock, 4-20 contacts (Pictured)



HR25A Series: Miniature, threaded or push-pull lock, 4-20 contacts

Circular IP68

EM-W Series: Heavy duty to 50 amperes, 3 or 4 contacts

LF Series: Miniature heavy duty, 2-10 amperes, 3-20 contacts

HR30 Series:

Plastic miniature, 2-5 amperes, 3-12 contacts (Pictured)



JR*W Series:

Standard duty, thread lock, 5-40 amperes, 3-34 contacts

Automotive grade

GT8E Series:

Board-to-Wire, AWG #20-24, 2-24 contacts

GT17H Series:

Serial bus interface, shielded, 6,8,10 contacts (Pictured)



Rectangular

PQ Series:

Industrial robot interface (Pictured)

(Consult Hirose Electric)



DH Series: 1mm pitch, D shell, LVDS compatible, 17-51 contacts

DXM Series: .050" pitch ribbon contact, D shell, 14-110 contacts

3800 Series:

High cycle, docking option, 18 contacts (Pictured)



Board-to-Wire

DF13 Series: AWG #26-32, 1 ampere, 1.25mm pitch, 2-40 contacts

DF22 Series: AWG #10-16, up to 30 amperes, 1-5 contacts,

DF33 Series: AWG #20-22, up to 5 amperes, 2-12 contacts

DF36 Series:

Micro-coaxial, small footprint, 0.35mm pitch (Pictured)



DF60 Series: AWG #10-14, up to 50 amperes (Consult Hirose Electric)

FX16 Series: Hi-Speed micro-coaxial for LVD Signals

HIF3B Series: Standard .050" ribbon cable connectors

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Board-to-Board

DF40 Series:

0.4mm pitch,
1.5 – 4.0mm
stacking height,
small footprint
(Pictured)



FX2 Series: .050" pitch, ribbon cable
compatible, 20-120 contacts

FX8C Series: 0.6mm pitch,
5-17.5mm stacking height, 40-280 contacts

FX10 Series: 0.5mm pitch, shielded,
4-5mm stacking height, 80-168 contacts

FX18 Series: 0.8mm pitch,

5 Gbps @ 100ohm
(85ohm tolerant),
right-angle,
parallel and
stacking versions,
60-140 contacts
(Pictured)



Modular

TM21 Series: RJ45 Plug,
shielded, CAT5e,
CAT6, industrial grade
(Pictured)



TM24 Series:
RJ45 Receptacle,
shielded,
improved NEXT

FPC Connectors

FH28 Series: 0.5mm pitch, catch tab,
durable latch
(Pictured)

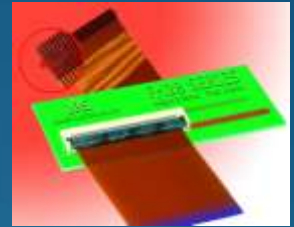
FH40 Series:
0.5mm pitch,
vertical mount,
catch tab

FH41 Series: 0.5mm pitch, shielded,
catch tab

FH48 Series: 0.5mm pitch, vertical mount,
shielded, catch tab

FH52 Series: *NEW* 0.5mm pitch,
catch tab,
next gen design

FH55 Series: *NEW*
0.5mm pitch,
design for LVDS
applications
(Pictured)



Optical Connectors and Devices

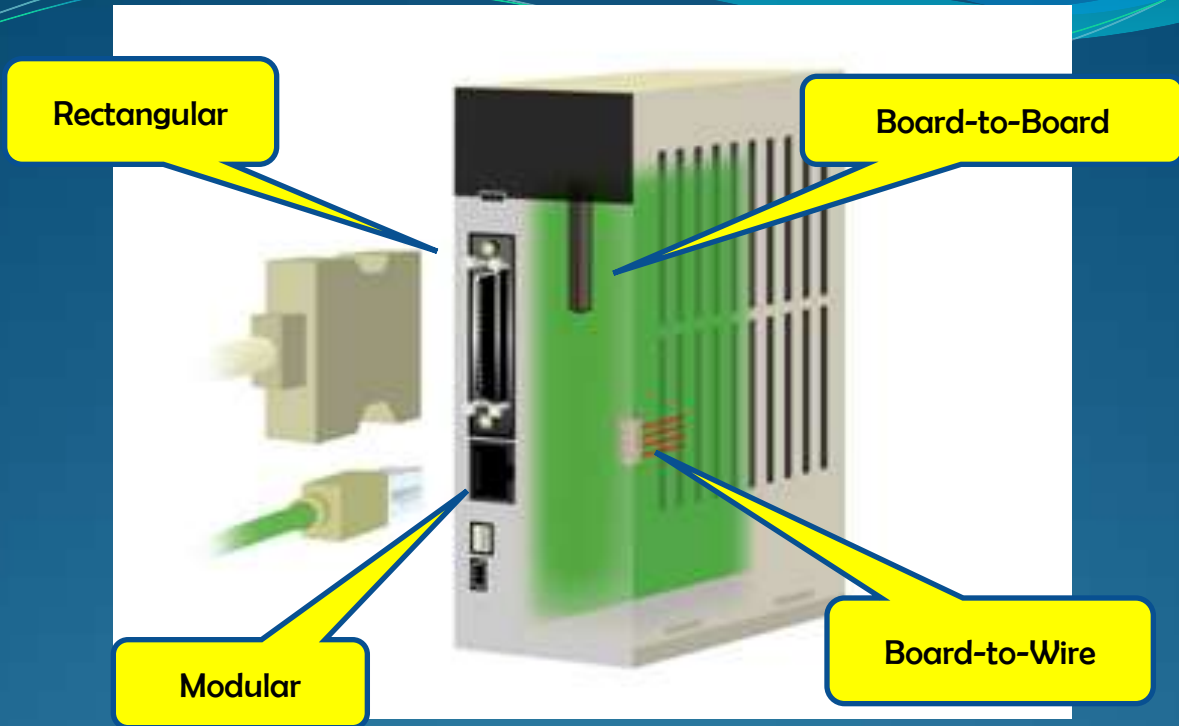
MF10B Series: Harsh duty
circular connector,
2 fiber-optic
inserts
(Pictured)



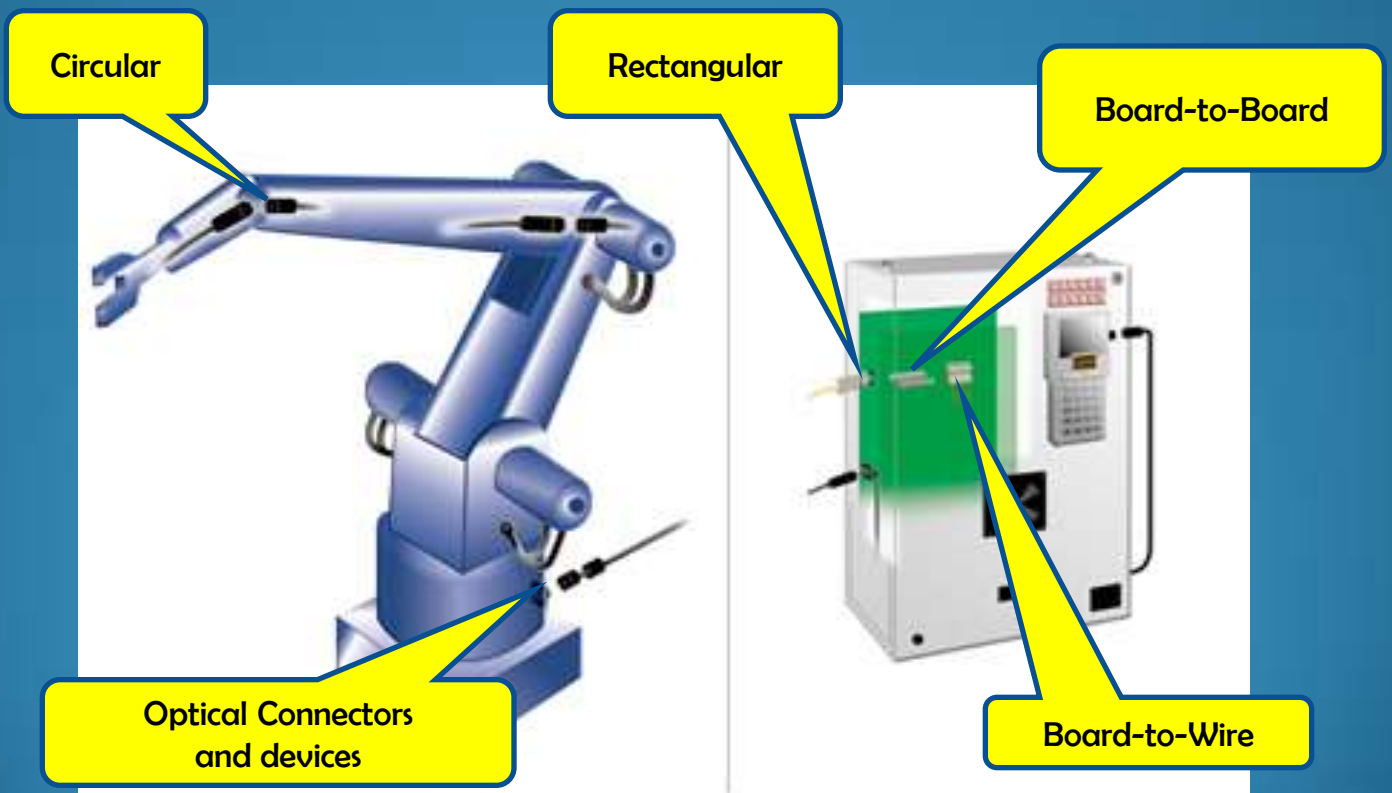
BF4M Series: *NEW*
Micro miniature
optical transceiver / receiver
assembly with flex
indifferent fiber
(Pictured)

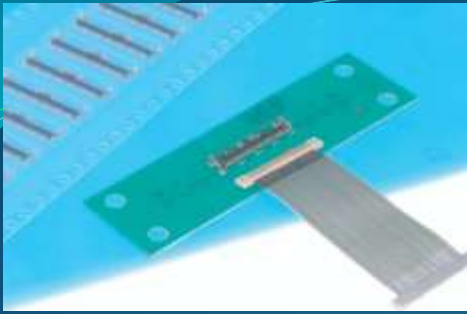


Factory Automation Applications



CONNECTORS for AUTOMATION, ROBOTICS and DIGITAL VISION SYSTEMS





Hirose Electric is a leading, global interconnect manufacturer specializing in a wide range of solutions for advanced technologies.

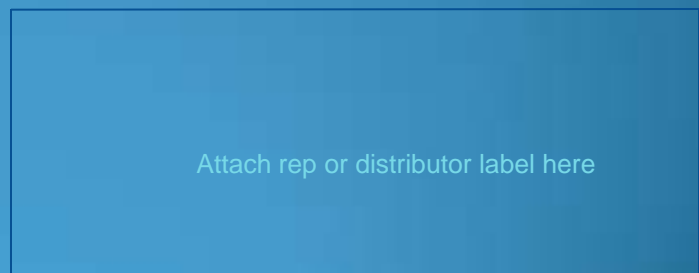
We have connectors for: automotive, fiber optic, circular, power, mobile/ cellular telephones, board-to-board, wire-to-board, microwave, telecom, flex circuit (FPC/FFC), memory card connectors, ribbon cable, mini/micro USB, HDMI and other connectors.



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Hirose is an ISO 9001 company

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