



Train	To	Status	Track	Time	Number Train
REGIONAL	BOSTON	ON TIME		9:24A	5227
HUTTLE	SPRINGFIELD	ON TIME		9:30A	
ID DIRECT	MONTCLAIR	ON TIME		9:35A	
8:47A	3227 NJCOAST SEC EWR	ON TIME		9:37A	3831
8:52A	3927 NE CORR SEC EWR	ON TIME		9:43A	3231
9:07A	3929 NE CORR SEC EWR	ON TIME		9:45A	281
9:11A	3829 NE CORR SEC EWR	ON TIME		9:46A	6619
9:17A	6317 MID DIRECT SEC	ON TIME		10:00A	2153



Octobyte™

The faster 4/8 pole interconnect system for industrial Ethernet data applications

Glenair series ITH connector with Octobyte™ contacts is available with fully dedicated Ethernet protocol or in a combo version where a mix of signal-power and Ethernet is required. RoHS compliant, IP67 (IP68 on request) exceeds performance expectations typical in harsh environmental applications found throughout rail and industrial markets.

OCTOBYTE™ contacts are vibration resistant and designed to work with Ethernet cables from CAT 5 to CAT 7A, MVB-WTB, RG58 Coax.

ITH connectors with Octobyte™ contacts are easy and fast to assemble, making them the best solution for harsh-environment applications where signal reliability is a must.



Tested for compliance according to EN50173-1 standards set for CAT5E and CAT7. Testing was conducted using 12 jumpers, each 7.5 meters in length for a total of 90 meters.



- Commuter rail
- Passenger information systems (audio/video/digital displays)
- Monitoring and control (braking/doors/lighting/data)
- Heavy industry
- Data control
- Safety systems
- Tested in accordance with:
 - ISO F0 STP: CAT 7A
 - EN50173-1 F600-STP: CAT 7
 - EN50173-1 D STP: CAT 5E

OCTOBYTE The faster 4/8 pole industrial Ethernet interconnect system



ETHERNET CAT 7A CONTACTS



Data Transmission Ethernet Contacts for	Ethernet CAT 6A Ethernet CAT 7 Ethernet CAT 7A
Featuring	Internal crimpable contacts Inspectable contact Integrated cable clamp Low mating force
Technical Characteristics	Current rating 5A max Voltage drop (at 5A and 25°C) 70mV max
Materials and Finish	Copper alloy and gold plating
Inserts	Thermoplastic resin

ETHERNET CAT 5 CONTACTS



Data Transmission Contacts for	Ethernet CAT 5 Ethernet CAT 5E Ethernet CAT 6 Ethernet CAT 6A
Featuring	Internal crimpable contacts Inspectable contact Integrated cable clamp Low mating force
Technical Characteristics	Current rating 5A max Voltage drop (at 5A and 25°C) 70mV max
Materials and Finish	Copper alloy and gold plating
Inserts	Thermoplastic resin—UL94V0-NFF 16-102 12F3 Exigence 3

COAX CONTACTS



Data Transmission Contacts for	RG58
Featuring	Internal crimpable contacts Inspectable contact Integrated cable clamp Low mating force
Technical Characteristics	Current rating 5A max Voltage drop (at 5A and 25°C) 70mV max
Materials and Finish	Copper alloy and gold plating
Inserts	PTFE

ETHERNET MVB - WBT CONTACTS



Data Transmission Contacts for	MVB - Multifunctional Vehicle Bus WTB - Wired Train Bus
Featuring	Internal crimpable contacts Inspectable contact Integrated cable clamp Low mating force
Technical Characteristics	Current rating 5A max Voltage drop (at 5A and 25°C) 70mV max
Materials and Finish	Copper alloy and gold plating
Inserts	Thermoplastic resin—UL94V0-NFF 16-102 12F3 Exigence 3