



Train		To	Status	Track	Time	Number Train
REGIONAL		BOSTON	ON TIME		9:24A	5227
HUTTLE		SPRINGFIELD	ON TIME		9:30A	1800
DIRECT	SEC	MONTCLAIR	ON TIME		9:35A	1141
8:41A	3227	NJCOAST SEC EWR	ON TIME		9:37A	3831
8:52A	3927	NE CORR SEC EWR	ON TIME		9:43A	3231
9:01A	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
9:05 SEC-STOP AT SECAUCUS EWR-STOP AT NEWARK AIRPORT SEC-STOP AT SECAUCUS						



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