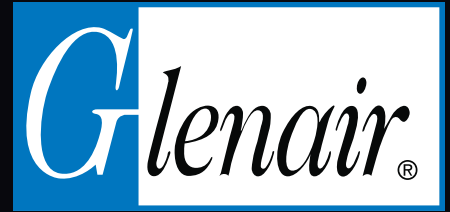


MISSION-CRITICAL
**INTERCONNECT
SOLUTIONS**



Glenair
SIGNATURE SERIES

Super ITS - ITH OctoByte Ruggedized Ethernet Connectors

High-Speed • Quadaxial and Octaxial • Shielded
Low Crosstalk • Low Insertion Loss • Cat5, Cat6, Cat7



SUPER ITS



ETHERNET-READY

Super ITS-ITH Octobyte

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

Glenair series ITH connectors with Ethernet-ready Octobyte™ contacts are available for harsh-environment mass transit applications that depend on sealed environmental (IP67) connector performance. Octobyte contacts, packaged in ruggedized ITH reverse-bayonet connectors, deliver both dedicated Ethernet datalink as well as mixed serial databus and power for high-speed data applications

Octobyte™ contacts are vibration resistant and designed to work with Ethernet cables from CAT 5 to CAT 7A, MVB-WTB, and RG58 Coax. Reverse-bayonet ITH series connectors with Octobyte™ contacts are easy and fast to assemble and deliver reliable locking performance in severe vibration and shock applications.

- **For harsh-environment transit, industrial, or marine/subsea applications**
- **RF Coax applications (RG58 and RG59U cables)**
- **High-speed interconnect solution for audio, video, and digital displays**
- **Qualified for use in safety systems, sensors, detection devices, and control panels**
- **Tested in accordance with:**
 - ISO F0 STP: CAT 7A**
 - EN50173-1 F600-STP: CAT 7**
 - EN50173-1 D STP: CAT 5E**



Tested for compliance IAW EN50173-1 standards for CAT5E and CAT7.
Proven performance in numerous rail applications (consult factory for references)

RUGGED REVERSE-BAYONET Super ITS-ITH Octobyte™ High-Speed Ethernet Connectors



OCTOBYTE CONTACTS FOR ETHERNET CAT 5 • CAT 6 • CAT 7 • COAX • MVB-WBT

How To Order Octobyte contacts									
Sample Part Number	Q	0	8	P	-A	B1	-XXX	-7A	
Product Series	Octobyte contacts								
Contact Size	0 = contact size 0								
Number of Contacts	8 = 8 poles 4 = 4 poles CX = Coax								
Contact Gender	P = Male S = Female								
Cable O.D. Range/ Coax Cable Type	A = O.D. 6-7 B = O.D. 7-8 C = O.D. 8-9 RG58 = 50 Ohm RG59U = 75 Ohm [Coax only]								
Plating	B1 = gold plating								
Alternative Color (Cat 7A only)	G14 = Black G14GN = Green G14GY = Grey G14R = Red G14Y = Yellow Omit for standard								
Ethernet	7A = Cat 7A AD = Ethernet MVB - WBT Contacts Omit for Cat 5								



SERIES ITH CONNECTORS FOR OCTOBYTE CONTACTS

Reverse bayonet- lock connectors

Rugged environmental performance — the perfect Octobyte packaging solution



Dozens of contact arrangements available including hybrid Octobyte, power, and signal.

Ethernet-ready Octobyte solutions for rail and transit applications are available as discrete contacts, packaged in rugged reverse-bayonet ITH series connectors, or as turnkey inside-the-box or environmental cable assemblies, tested and ready for immediate use.



Available flop-lid protective cover

RadGrip rubber-covered coupling nuts available in a wide range of colors including safety red

- Rugged MIL-DTL-5015 type design with fast reverse bayonet coupling
- Rigid dielectric inserts with contact retention clips
- Positive lock technology provides reliable vibration and shock resistance
- Proven performance in even the most rugged applications
- Conforms to the European VG 95234 standard, French (NFF 61030) and British (BS 6853) electrical standards and EEC compliance directives
- Threaded coupling version available, contact factory for ordering information



MISSION-CRITICAL INTERCONNECT SOLUTIONS

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