ETHERNET-READY

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 subsea / naval 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)

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								

CAT 5 · CAT 5E · CAT 6 · CAT 6A   RG58

CAT 6A · CAT 7 · CAT 7A   MVB - WTB

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

- ■ **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**

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 coupling nut covers available in a wide range of colors including safety red