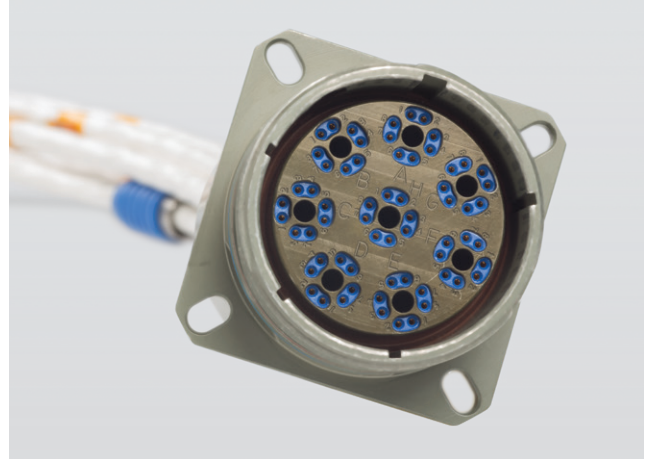


CONNECTOR-CABLE COMPATIBILITY

Gore evaluated the electrical characteristics of GORE® Ethernet Cables (4 Pairs) for Cat6A Protocol terminated with leading high-speed aerospace and defense connector systems to assist designers in selecting the best option for a specific application (Table 1). Testing connector-cable compatibility during the initial design process ensures interconnects will perform reliably in specific applications.

We also developed best practices for terminating our Ethernet cables with these connector systems. Visit our website today to download our best practices, related performance data, and an assembly drawing for connector part numbers.



gore.com/ethernet-cat6a-connectors

Table 1: Ethernet Cat6A Interconnect Options

Gore’s part numbers RCN8966-24 and RCN8966-26 include a unique inverted dielectric for termination with selected high-speed aerospace and defense connector systems — including Amphenol®, Glenair®, Platinum Tools®, and Sentinel®. For other connector systems not listed in the table, contact a Gore representative today at gore.com/products/aerospace-defense-contact.

Connector System	Gore Part Number					
	GSC-01-85237-VG	RCN8966-24	RCN9034-24	RCN8966-26	RCN9047-26	RCN9034-28
Amphenol® Octonet		•		•		
Amphenol® Oval Contact System (OCS13-53)	•	•	•	•	•	•
Amphenol® μ-Com	•	•	•	•	•	•
Amphenol® Socapex OctoMax 1G26				•	•	•
Bel Stewart SS-39200 Series		•		•		
Carlisle Octax® M38999 (Size 11)	•	•	•	•	•	•
Carlisle Octax®	•	•	•	•	•	•
Glenair® El Ochito®				•	•	•
Glenair® El Ochito® Type 1	•					
Glenair® Octobyte™ (Series ITH Connector)	•					

Continued on next page

Table 1: Ethernet Cat6A Interconnect Options (continued)

Connector System	Gore Part Number					
	GSC-01-85237-VG	RCN8966-24	RCN9034-24	RCN8966-26	RCN9047-26	RCN9034-28
HARTING RJ Industrial® 10G RJ45 (Part Number 09451511560)	●	●	●	●	●	●
ITT Cannon OctoGig™		●	●	●	●	●
LEMO® 2B Series	●	●	●	●	●	●
ODU AMC® Break-Away (Part Numbers S12YAR-PD8XJG0-0000 / A12YAR-PD8XJG0-0000)		●	●	●	●	●
ODU AMC® High-Density (Part Numbers A10WAM-PD8XBEO-0000 / C10WAM-PD8XBEO-0000)		●	●	●	●	●
Omnetrics Micro 360® Cat6a					●	
Platinum Tools® EZ-RJ45® 106193		●		●		
Sentinel® 111S08080095HA4		●				
Sentinel® 111S08080095LA4				●		
TE Connectivity® CeeLok FAS-T®		●		●		●
TE Connectivity® CeeLok FAS-X®	●	●	●	●	●	●

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