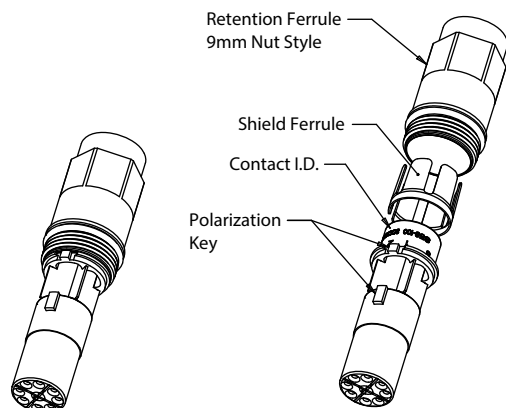


SERIES 28 Hi-Speed HiPer-D® Connectors

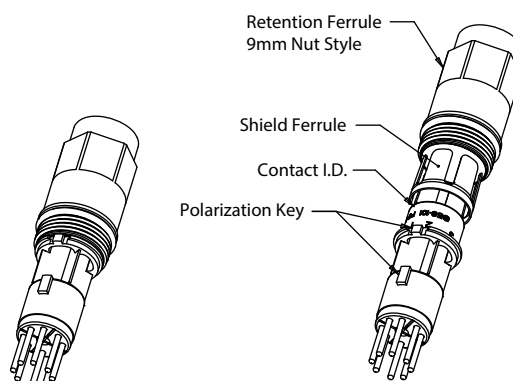


858-100 and 858-101, SpeedMaster™ 10GBase-T Cat 6a Contacts

858-100 SPEEDMASTER™ SOCKET MODULE



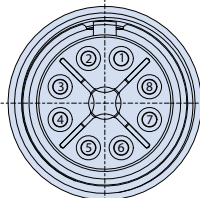
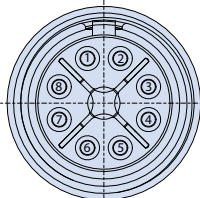
858-101 SPEEDMASTER™ PIN MODULE



858	-100	-1
Product Code	Basic No	See Cable Size Table

858	-101	-1
Product Code	Basic No	See Cable Size Table

Cable Size	
Cable Size	Cable Ø
1	.280 (7.11)
2	.270 (6.86)
3	.260 (6.60)
4	.250 (6.35)
5	.240 (6.10)
6	.230 (5.84)
7	.220 (5.59)

Speedmaster™ Module Inner Contact Pinout			
 SOCKET MODULE FACE 858-100	 PIN MODULE FACE 858-101	Pin Out	
		Location	Color
		1	Orng/Wht
		2	Orange
		3	Blu/Wht
		4	Blue
		5	Brwn/Wht
		6	Brown
		7	Grn/White
8	Green		

SPEEDMASTER™ MODULE MATERIAL/FINISH

- IMPORTANT: SpeedMaster™ high-speed modules are only designed to be installed in "Glenair SpeedMaster™ series connectors."**
- High-speed module is designed to accommodate cable with wire insulation up to Ø.055 inches and cable jackets up to Ø.280 inches. See cables table for suggest list.
- For cables in-between sizes, select smaller size.
- See AI85082 for assembly instructions
- Tools Needed:
 - M39029/57-354 contacts:
 - Basic tool M22520/2-01 (Glenair P/N 809-015)
 - Positioner, Daniels PN K41 (Glenair P/N 859-019)
- Material/Finish
 - Isolator body - copper alloy / electroless nickel.
 - Contacts - copper alloy / gold plated
 - Retention ferrule - copper alloy / electroless nickel.
 - Inner shield ferrule: copper alloy / electroless nickel.
 - Insulators - rigid dielectric / N.A.
 - O-rings/grommets - fluorosilicone blend / N.A

Cables*					
Cable P/N	Cable Category	Cable Construction	Wire Gage	Cable Ø	Assembly Instructions
963-003-24	CAT 6A	SF/UTP	24	.280 (7.11)	AI85082
963-003-26	CAT 6A	SF/UTP	26	.220 (5.59)	
963-037	CAT 6A	SF/UTP	24	.260 (6.60)	
963-038	CAT 6A	SF/UTP	24	.270 (6.86)	

*Consult factory for use with other cable