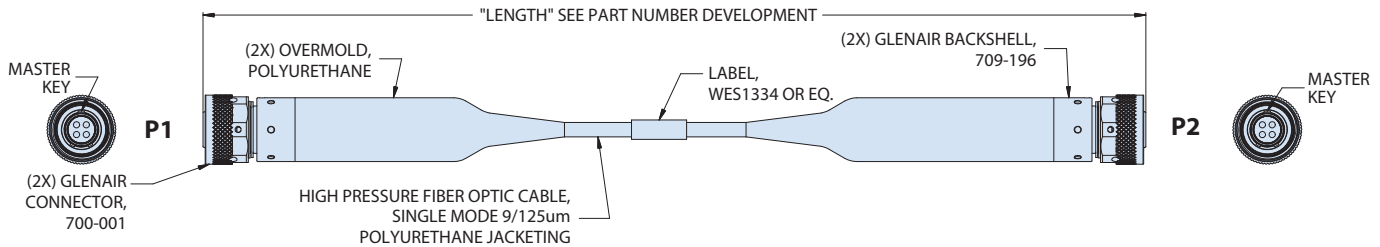


**FA09648 SeaKing Fiber Optic
 Overmolded CCP plug-to-plug jumper / breakout assemblies**

NAVSEA / Underwater Fiber Optics

HOW TO ORDER	
Sample Part Number	FA09648 -MF4 -Z1 -N -N -XXXX C -XXXX -CFM
Basic Number	SeaKing Fiber Optic overmolded plug jumper/breakout assembly
Shell Size & Insert Arrangement	See Glenair drawing 709-098
Shell Material	Z1 = 316 Stainless Steel (Consult Factory For Titanium or Peek Options)
P1 Connector Key Arrangement	(N, A, B, C)
P2 Connector Key Arrangement	(N, A, B, C) (1 = Blunt End Cable, Less P2 Connector, Backshell, & Overmold)
Length In Inches	See Standard Tolerance Table
Pressure Cap Option	C = Provided With Pressure Caps N = No Pressure Caps
Serial Number	Glenair Use Optional, Omit For None
CFM Option	Glenair Use Optional, Omit For None



- NOTES**
- Optical performance: insertion loss shall be <1.0dB per mated connection when measured @ 1310nm wavelength. Insertion loss can be measured at 1550nm upon customer request.
 - Unit pack: 1 EA. In a bag and/or cardboard box, label package IAW illustration.
 - Molding process for high pressure applications shall be used for polyurethane overmolds.
 - See drawing 700-001 for connector dimensions, materials, and finishes; see drawing 709-196 for backshell dimensions, materials, and finishes; see drawing 709-098 for available insert arrangement.
 - Wiring for each arrangement is one to one.
 - Cables over 240" (20FT) shall be shipped on reel.
 - Pressure rating up to 3,000 PSI.

STANDARD-TOLERANCE	
Length	Tolerance
Up to 24 In	+1 In -0
24 Up to 120 In	+3 In -0
120 Up to 600 In	+6 In -0
600 Up to 1200 In	+12 In -0
1200 In and Up	+24 In -0

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FIBER OPTIC-ONLY INSERT ARRANGEMENTS

Shell Size	E	K	L	M	O	P
Insert Arrangement	EF1	KF2	LF3	MF4	OF8	PF12
No. of F/O Termini	1 FO	2 FO	3 FO	4 FO	8 FO	12 FO

Face view of receptacle insert. Contact arrangements of plug inserts are reverse. Insert body 316 SST.

HYBRID COPPER-FIBER INSERT ARRANGEMENTS

Shell Size	K	L	M	O	Q	Q
Insert Arrangement	KH12	LH28	MH24	OH56	QH106	QH316
No. of F/O Termini	1 FO	2 FO	2 FO	5 FO	10 FO	3 FO
No. of Contacts	2 #16	8 #22	4 #16	6 #16	6 #16	16 #16

Face view of receptacle insert. Contact arrangements of plug inserts are reverse. Insert body 316 SST.

ELECTRICAL CONTACT SPECIFICATIONS

Contact Size	#22	#16
Amps	3	10
Wire Gage Accommodation	22	16

All contact arrangements are rated for 600 volts. Wiring 1-to-1.

Alternate Key Positions

	Key Rotation		
	Key Position	A°	B°
	Normal (N)	150°	210°
	A	75°	210°
	B	95°	230°
C	140°	275°	