

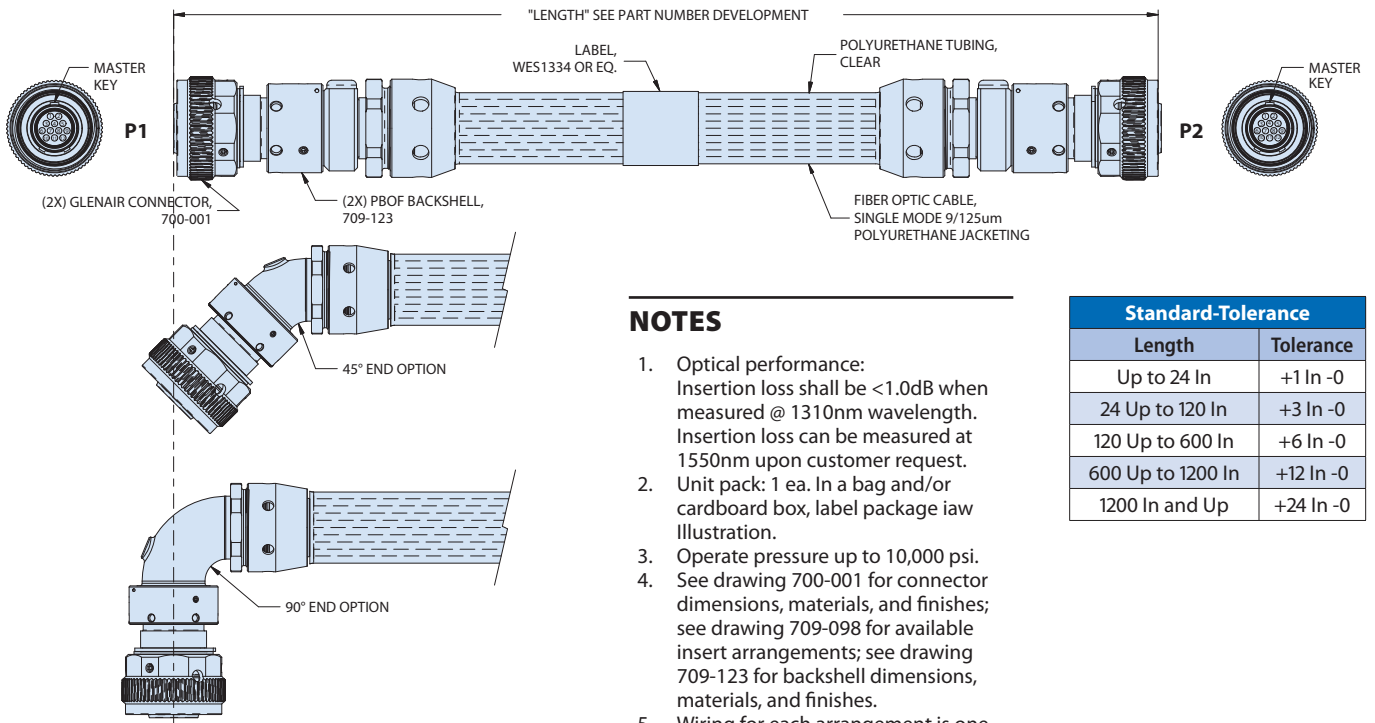


# DEEP WATER SeaKing™ Fiber Optic



## PBOF back-to-back SeaKing fiber optic assembly with straight, 45°, or 90° connectors

HOW TO ORDER	
<b>Sample Part Number</b>	<b>FA09650 -MF4 -Z1 -N L 1 S -N L 1 S -XXXX C</b>
<b>Basic Number</b>	SeaKing Fiber Optic PBOF point-to-point assembly
<b>Shell Size &amp; Insert Arrangements</b>	See Insert Arrangements Table
<b>Shell Material</b>	<b>Z1</b> = 316 Stainless Steel (Consult Factory For Titanium Or Peek Options)
<b>P1 Connector Key Arrangements</b>	<b>(N, A, B, C)</b>
<b>P1 Backshell Style</b>	<b>L</b> = Straight <b>M</b> = 45 Degree <b>N</b> = 90 Degree
<b>P1 Fill Port Option</b>	<b>0</b> = No <b>1</b> = Yes
<b>P1 Swivel/Fixed Option</b>	<b>F</b> = Fixed <b>S</b> = Swivel
<b>P2 Connector Key Arrangements</b>	<b>(N, A, B, C)</b>
<b>P2 Backshell Style</b>	<b>L</b> = Straight <b>M</b> = 45 Degree <b>N</b> = 90 Degree
<b>P2 Fill Port Option</b>	<b>0</b> = No <b>1</b> = Yes
<b>P2 Swivel/Fixed Option</b>	<b>F</b> = Fixed <b>S</b> = Swivel
<b>Length</b>	In inches (See Standard Tolerance Table)
<b>Pressure Cap Option</b>	<b>C</b> = Provided With Pressure Caps <b>N</b> = No Pressure Caps



### NOTES

- Optical performance: Insertion loss shall be <1.0dB 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.
- Operate pressure up to 10,000 psi.
- See drawing 700-001 for connector dimensions, materials, and finishes; see drawing 709-098 for available insert arrangements; see drawing 709-123 for backshell dimensions, materials, and finishes.
- Wiring for each arrangement is one to one.

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