



SERIES 700 10K PSI / 700 BAR / 7000 M SeaKing™ High-Pressure Underwater Connectors, Cables, and PBOF Assemblies

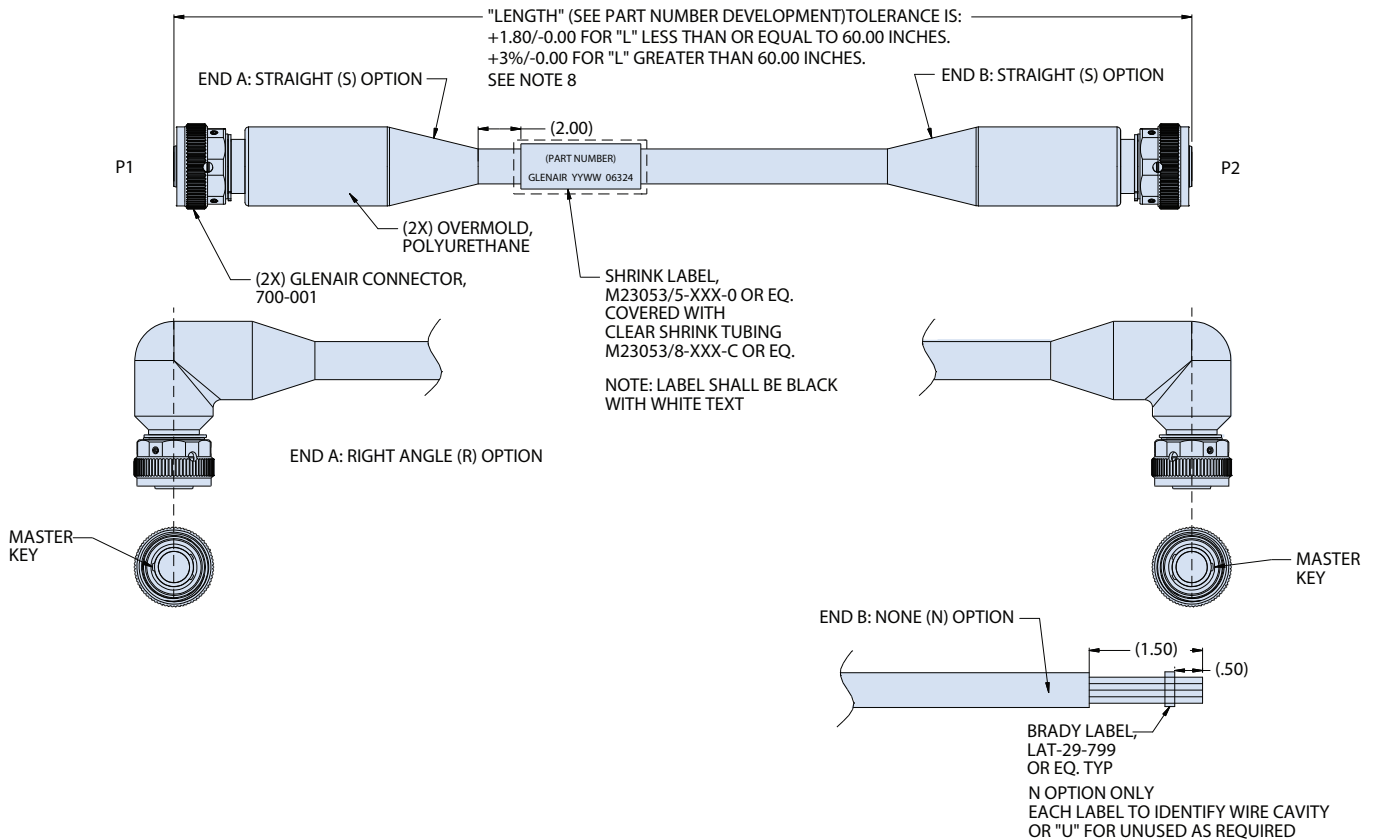
Single ended or back-to-back, overmolded cable



SeaKing - How To Order								
Sample Part Number	7071-0007	-S	R	Z1	-K19	N	-24	11
Series	7071-0007 = SeaKing™ cable connector plug (CCP) assembly							
P1	R = right angle S = straight							
P2	R = right angle N=none S = straight							
Shell Material/Finish	Z1 = 316 stainless steel TC = titanium							
Insert Arrangement	(see sales drawing for details)							
Polarization	A, B, C, N = normal (see sales drawing for details)							
Cable Length	In inches							
Cap Options	10, 11, 20, 21; omit for none							

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

Cap Options	
Sym	Description
10	Protective cap, no lanyard
11	Protective cap, with lanyard
20	Pressure cap, no lanyard
21	Pressure cap, with lanyard





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SIZE	A	B	C	D	E
E	4.55	0.765	2.88	2.93	2.165
G	4.55	0.875	2.94	3.11	2.235
K	4.55	1.00	3.00	3.16	2.105
L	4.55	1.125	3.00	3.29	2.165
M	5.05	1.250	3.38	3.43	2.18
O	5.05	1.500	3.5	3.55	2.05
P	5.05	1.625	3.68	3.75	2.125
Q	5.05	1.750	3.88	3.93	2.18
R	5.05	1.875	3.94	3.99	2.115

NOTES

- 100% electrically tested for shorts, dielectric withstanding voltage (at 500Vac 5 seconds max) and insulation resistance (conductor to conductor and conductor to shell) at 500Vdc/200 megohms min. IAW MIL-STD-202, Method 302).
- Unit pack: 1 ea. In poly bag, heat-sealed. Include dust cap. Tag and bag per illustration.
- Max pressure rating 10000 psi.
- For connector dimensions, materials, finishes, refer to drawing 700-001.
- For insert arrangements refer to drawing 709-099 contact manufacturer for builds with combo insert arrangements.
- Double ended cordsets are wired one to one (ex. pin 1 to pin 1, 2 to 2 etc).
- Quantity and gauge of conductos determined by insert arrangement. All cavities to be populated with largest gauge wire.
- Marker label, M23053/5 or equivalent. Covered with clear tubing M@3053/18 or equivalent tubing shall be white with black text.
- Single conductors shall be identified with cavity identifier or "U" for unused marker label, M23053/ 5 or equivalent covered with clear tubing M23053/18 or equivalent tubing shall be white with text.
- Minimum order length is 24.00 inches. Consult factory for orders longer 1200 inches (100ft)
- All configurations are wired one to one.
- Pressure rated cable. Polyurethane jacket wire AWG shall be per contact size.

