



Backshells and Accessories

390PS036 EMI Cable Sealing Backshell w/ Saddle Clamp

Self-Locking



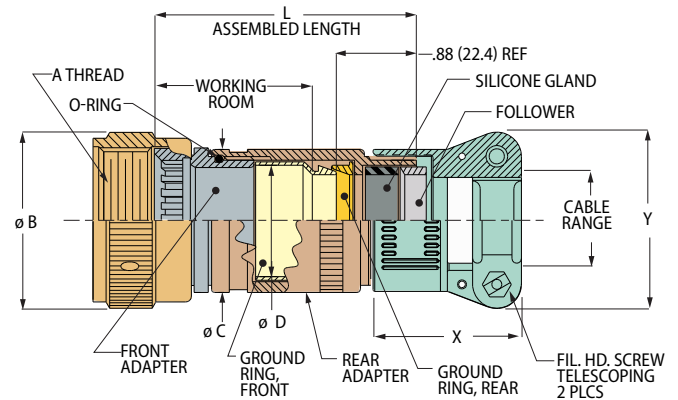
- EMI environmental backshell for Series 970 PowerTrip® connectors
- Saddle clamp strain relief

Heavy duty 390PS036 backshell fits Glenair Series 970 PowerTrip connectors. For use with shielded jacketed cable. Cone-and-ring shield termination with two ground rings. Splined M28840-type connector coupling. Withstands MIL-S-901 Grade A high impact shock. Type H saddle clamp has stainless steel telescoping fillister head screws and lockwashers. Meets AS85049 Category 1A water immersion (6 ft/48 hrs). Available in aluminum or stainless steel.

CONSTRUCTION

Coupling nut, body, ground rings, saddle clamp, follower: aluminum or SST
Hardware: stainless steel/passivated
Anti-decoupling spring: thermoplastic (aluminum body) or SST (SST body)
O-ring, grommet: silicone

HOW TO ORDER				
Sample Part Number →	390PS036	NF	2012	H
Base P/N	390PS036			
Material / Finish	ME = Aluminum / Electroless Nickel MT = Aluminum / Nickel PTFE NF = Aluminum / Olive Drab Cadmium TZ = Aluminum / Tin-Zinc ZR = Aluminum / Black Zinc-Nickel Z1 = Stainless Steel / Passivated			
Size Code	See Table			
Strain Relief	H = Heavy Duty Saddle Clamp			



DIMENSIONS																				
Size Code	Shell Size	Cable Range				L Length ±.12 (3.0)		Working Room		A Thread Class 2B	Ø B Max.		Ø C Max.		Ø D Min.		X Max.		Y Ref.	
		Min. In.	Max. In.	Min. mm.	Max. mm.	In.	mm.	In.	mm.		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.
1810	18	.375	.625	9.53	15.88	4.62	117.4	3.00	76.2	1.125-18 UNEF	1.44	36.6	1.406	35.71	1.000	25.40	1.281	32.54	1.312	33.32
1812		.438	.750	11.13	19.05	4.62	117.4	3.00	76.2	1.125-18 UNEF	1.44	36.6	1.406	35.71	1.000	25.40	1.312	33.32	1.593	40.46
1816		.625	.938	15.88	23.83	4.62	117.4	3.00	76.2	1.125-18 UNEF	1.44	36.6	1.531	38.89	1.125	28.58	1.406	35.71	1.750	44.45
2010	20	.375	.625	9.53	15.88	4.62	117.4	3.00	76.2	1.250-18 UNEF	1.54	39.1	1.531	38.89	1.125	28.58	1.281	32.54	1.312	33.32
2012		.438	.750	11.13	19.05	4.62	117.4	3.00	76.2	1.250-18 UNEF	1.54	39.1	1.531	38.89	1.125	28.58	1.312	33.32	1.593	40.46
2016		.625	.938	15.88	23.83	4.62	117.4	3.00	76.2	1.250-18 UNEF	1.54	39.1	1.656	42.06	1.250	31.75	1.406	35.71	1.750	44.45
2412	24	.438	.750	11.13	19.05	5.12	130.1	3.50	88.9	1.438-18 UNEF	1.73	43.9	1.656	42.06	1.250	31.75	1.312	33.32	1.593	40.46
2416		.625	.938	15.88	23.83	5.12	130.1	3.50	88.9	1.438-18 UNEF	1.73	43.9	1.781	45.24	1.375	34.93	1.593	40.46	1.750	44.45
2420		.875	1.250	22.23	31.75	5.12	130.1	3.50	88.9	1.438-18 UNEF	1.73	43.9	1.781	45.24	1.375	34.93	1.625	41.28	2.093	53.16
2816	28	.625	.938	15.88	23.83	5.12	130.1	3.50	88.9	1.812-16 UN	2.14	54.4	2.156	54.76	1.750	44.45	1.406	35.71	1.750	44.45
2820		.875	1.250	22.23	31.75	5.12	130.1	3.50	88.9	1.812-16 UN	2.14	54.4	2.156	54.76	1.750	44.45	1.593	40.46	2.093	53.16
2824		1.000	1.380	25.40	35.05	5.12	130.1	3.50	88.9	1.812-16 UN	2.14	54.4	2.156	54.76	1.750	44.45	1.625	41.28	2.343	59.51
3224	32	1.000	1.380	25.40	35.05	5.12	130.1	3.50	88.9	2.062-16 UNS	2.37	60.2	2.281	57.94	1.875	47.63	1.625	41.28	2.343	59.51
3228		1.250	1.625	31.75	41.28	6.12	155.5	4.50	114.3	2.062-16 UNS	2.37	60.2	2.281	57.94	1.875	47.63	1.900	48.26	2.750	69.85
3232		1.437	1.875	36.50	47.63	6.12	155.5	4.50	114.3	2.062-16 UNS	2.37	60.2	2.281	57.94	1.875	47.63	1.900	48.26	3.000	76.20
3624	36	1.000	1.375	25.40	34.93	6.12	155.5	4.50	114.3	2.250-16 UN	2.63	66.8	2.531	64.29	2.125	53.98	1.625	41.28	2.343	59.51
3628		1.250	1.625	31.75	41.28	6.12	155.5	4.50	114.3	2.250-16 UN	2.63	66.8	2.531	64.29	2.125	53.98	1.900	48.26	2.750	69.85
3632		1.437	1.875	36.50	47.63	6.12	155.5	4.50	114.3	2.250-16 UN	2.63	66.8	2.531	64.29	2.125	53.98	1.900	48.26	3.000	76.20
3640	40	1.875	2.375	47.63	60.33	6.62	168.2	5.00	127.0	2.250-16 UN	2.63	66.8	3.031	76.99	2.625	66.68	2.060	52.32	3.500	88.90
4024		1.000	1.375	25.40	34.93	6.12	155.5	4.50	114.3	2.500-16 UN	2.93	74.4	2.781	70.64	2.375	60.33	1.625	41.28	2.343	59.51
4028		1.250	1.625	31.75	41.28	6.12	155.5	4.50	114.3	2.500-16 UN	2.93	74.4	2.781	70.64	2.375	60.33	1.900	48.26	2.750	69.85
4032	40	1.437	1.875	36.50	47.63	6.12	155.5	4.50	114.3	2.500-16 UN	2.93	74.4	2.781	70.64	2.375	60.33	1.900	48.26	3.000	76.20
4040		1.875	2.375	47.63	60.33	6.62	168.2	5.00	127.0	2.500-16 UN	2.93	74.4	3.031	76.99	2.625	66.68	2.060	52.32	3.500	88.90

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