

Micro-D

500-047

EMI Banding Backshell, Elliptical Entry

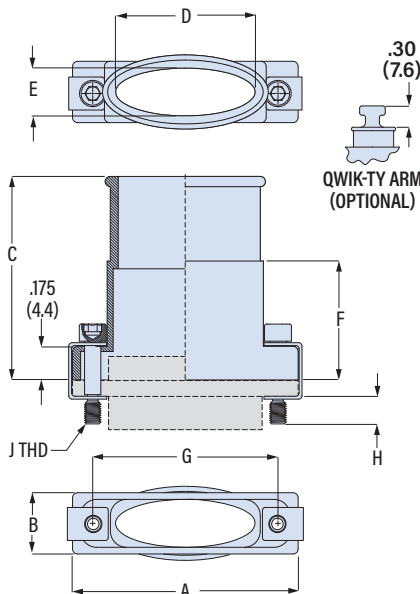
- Solid Backshell
- Band-Master ATS® Shield Termination
- Elliptical Entry



500-047

This accessory fits MWDM and M83513 Class M metal shell Micro-D connectors

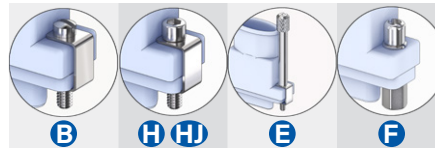
EMI, elliptical entry. 500-047 backshell fits MIL-DTL-83513 Class M and Glenair MWDM Micro-D connectors with metal shell. Terminate cable shield to backshell with BandMaster ATS band strap. Available with screwlocks or jackscrews: screwlocks allow connectors to be fully mated prior to fastening screws, jackscrews must be tightened in order to mate connectors. Aluminum or stainless steel with passivated stainless steel screws and retainer clips.



PART NUMBER	
Sample PN →	500-047 M 21 B B T
Base P/N	500-047
Material / Finish	TZ Tin-Zinc JF Alum / Cadmium w/ Yellow Chromate M Alum / Electroless Nickel MT Alum / Nickel-PTFE ZR Alum / Black Zinc-Nickel ZI SST / Passivated
Shell Size	09 15 21 25 31 37 51 51-2 67 69 75 100 130
Screwlocks (Table 1)	B Fillister Head Male Screwlocks E Extended Slotted Male Screwlocks F Female Screwlocks (fixed) H Socket Head Male Screwlocks HJ Socket Head Male Jackscrews
Band	Omit No Band B Standard Band Included P Slim Standard Band Included M Micro Band Included J Micro Slim Band Included L Micro-Max Band Included
Qwik-Ty	Omit No Qwik-Ty Strain Relief Arm T Qwik-Ty Arm Included

Size	A		B		C		D		E		F		G		H		J Thd
	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	UNC-2
09	.775	19.7	.34	8.6	.75	19.1	.312	7.9	.281	.71	.32	8.1	.565	14.4	.154	3.9	2-56
15	.925	23.5	.34	8.6	.88	22.4	.420	10.7	.281	.71	.44	11.2	.715	18.2	.154	3.9	2-56
21	1.075	27.3	.34	8.6	1.00	25.4	.590	15.0	.281	.71	.56	14.2	.865	22.0	.154	3.9	2-56
25	1.175	29.8	.34	8.6	1.06	26.9	.690	17.5	.281	.71	.62	15.7	.965	24.5	.154	3.9	2-56
31	1.325	33.7	.34	8.6	1.12	28.4	.820	20.8	.281	.71	.68	17.3	1.115	28.3	.154	3.9	2-56
37	1.475	37.5	.34	8.6	1.16	29.5	.970	24.6	.281	.71	.72	18.3	1.265	32.1	.154	3.9	2-56
51	1.425	36.2	.38	9.7	1.19	30.2	.920	23.4	.312	.79	.75	19.1	1.215	30.9	.154	3.9	2-56
51-2	1.835	46.6	.34	8.6	1.19	30.2	1.030	26.2	.281	.71	.75	19.1	1.615	41.0	.154	3.9	2-56
67	2.225	56.5	.34	8.6	1.19	30.2	1.720	43.7	.281	.71	.75	19.1	2.015	51.2	.154	3.9	2-56
69	1.730	43.9	.40	10.2	1.19	30.2	1.190	30.2	.312	.79	.75	19.1	1.515	38.5	.154	3.9	2-56
75	2.055	52.2	.40	10.2	1.19	30.2	1.195	30.4	.312	.79	.75	19.1	1.705	43.3	.184	4.7	4-40
100	2.160	54.9	.43	10.9	1.25	31.8	1.290	32.8	.360	.91	.81	20.6	1.800	45.7	.184	4.7	4-40
130	2.510	63.8	.43	10.9	1.50	38.1	1.650	41.9	.360	.91	1.06	26.9	2.150	54.6	.184	4.7	4-40

TABLE 1 SCREWLOCK OPTIONS

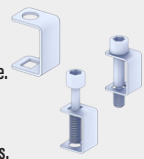


SCREWLOCKS AND JACKSCREWS

CLIP
Clip has circular hole and square hole.

JACKSCREW
Square hole is on the bottom. Screw is captive. Turn screws to mate connectors.

SCREWLOCK
Square hole is on the top. Screw is floating. Mate connectors first, then fasten screwlocks.



BAND OPTIONS

Terminate cable braid to backshell with optional band strap and banding tool. Pre-coiled bands are passivated stainless steel. Slim Standard bands have reduced thickness for weight reduction. Micro Slim bands have reduced thickness for weight reduction. Micro-Max bands are high-tension for lower-resistivity termination.

Band Type and Width	Hand Tool	Pneumatic
Standard: .24 (6.1)	601-100	601-106
Slim Standard: .24 (6.1)	601-109	601-110
Micro: .12 (3.0)	601-101	601-107
Micro Slim: .12 (3.0)	601-122	601-123
Micro-Max: .12 (3.0)	601-129	601-118