

Micro-D

500-010

EMI Banding Backshell

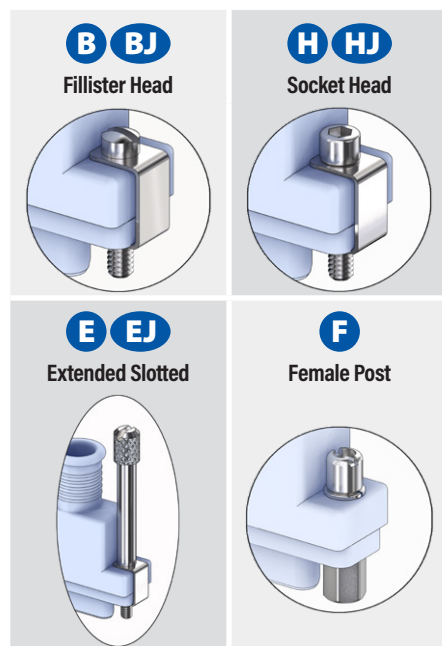
- Solid Backshell
- Band-Master ATS® Shield Termination
- Top, Side and 45° Entry

**T** Top Entry**S** Side Entry**E** 45° Entry**D** Dual 45°

500-010

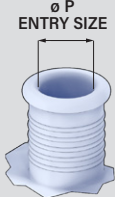
This accessory fits MWDM and M83513 Class M metal shell Micro-D connectors.

EMI, banding. 500-010 backshell fits MIL-DTL-83513 Class M and Glenair MWDM Micro-D connectors. 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.

TABLE 1
 SCREWLOCK OPTIONS


PART NUMBER

Sample PN → **500T010 M 37 H 07 S L**

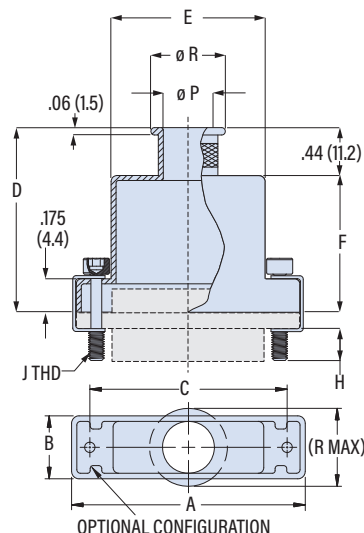
Base P/N	500T010	T Top Entry								
	500S010	S Side Entry								
	500E010	E 45° Entry								
	500D010	D Dual 45° Entry								
Material / Finish	TZ	Tin-Zinc								
	JF	Alum / Cadmium w/ Yel. Chromate								
	M	Alum / Electroless Nickel								
	MT	Alum / Nickel-PTFE								
	ZR	Alum / Black Zinc-Nickel								
	Z1	SST / Passivated								
	Z2	Alum / Gold								
Shell Size	09	15	21	25	31	37	51	51-2		
	67	69	75	100	130					
Screwlocks (Table 1)	Male Screwlocks				Jackscrews					
	B	Fillister Head				BJ	Fillister Head			
	H	Socket Head				HJ	Socket Head			
	E*	Extended Slotted*				EJ*	Extended Slotted*			
	Female Post				* E and EJ options available on Profiles S T only					
F	Female Jackpost									
Entry Size	Entry Size	P Diameter	T	S	E	D				
	04	.125 (3.2)	All	All	All	All				
	05	.156 (4.0)	All	All	All	All				
	06	.188 (4.8)	All	All	All	All				
	07	.219 (5.6)	All	All	All	15-up				
	08	.250 (6.4)	All	All	All	15-up				
	09	.281 (7.1)	All	All	31-up	31-up				
	10	.312 (7.9)	15-up	15-up	51, 69-up	51, 69-up				
	11	.344 (8.7)	100-up	15-up	100-up	100-up				
	12	.375 (9.5)	100-up	15-up	100-up	100-up				
	Qwik-Ty	Omit	No Qwik-Ty Strain Relief Arm							
		S	Qwik-Ty Arm Included							
Band	Omit	No Band				L	Micro Band Included			
	K	Standard Band Included				J	Micro Slim Band Included			
	P	Slim Standard Band Included				N	Micro-Max Band Included			

500-010

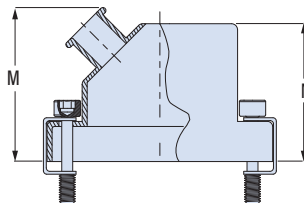
EMI Banding Backshell

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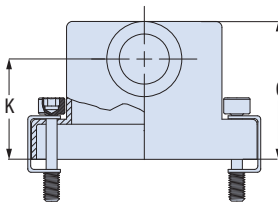
Top Entry



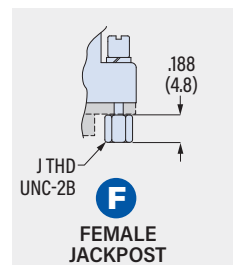
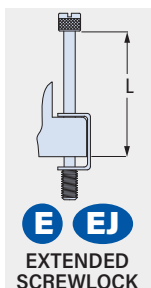
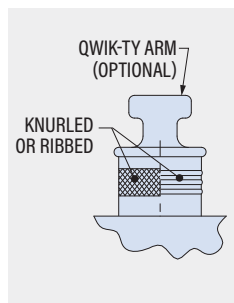
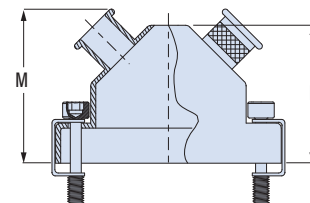
E 45°Entry



S Side Entry



D Dual 45°



Entry Size	ø P		ø R Max.	
	± .015 In.	(0.38) mm.	In.	mm.
04	.125	3.2	.296	7.5
05	.156	4.0	.327	8.3
06	.188	4.8	.359	9.1
07	.219	5.6	.390	9.9
08	.250	6.4	.421	10.7
09	.281	7.1	.452	11.5
10	.312	7.9	.484	12.3
11	.344	8.7	.515	13.1
12	.375	9.5	.546	13.7

	A Max.		B Max		C		D Max		E Max		F Max		G Max		H Ref		J Thd		K		L Max		M Max		N Max	
Size	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	UNC-2A	in	mm	in	mm	in	mm	in	mm	
09	.850	21.6	.370	9.4	.565	14.4	.780	19.8	.410	10.4	.350	8.9	.637	16.2	.154	3.9	2-56	.435	11.0	1.040	26.4	1.288	32.7	.968	24.6	
15	1.000	25.4	.370	9.4	.715	18.2	.910	23.1	.580	14.7	.470	11.9	.673	17.1	.154	3.9	2-56	.440	11.2	1.170	29.7	1.288	32.7	.968	24.6	
21	1.150	29.2	.370	9.4	.865	22.0	1.030	26.2	.740	18.8	.590	15.0	.707	18.0	.154	3.9	2-56	.458	11.6	1.290	32.8	1.288	32.7	.968	24.6	
25	1.250	31.8	.370	9.4	.965	24.5	1.090	27.7	.850	21.6	.650	16.5	.748	19.0	.154	3.9	2-56	.483	12.3	1.350	34.3	1.090	27.7	.830	21.1	
31	1.400	35.6	.370	9.4	1.115	28.3	1.150	29.2	.980	24.9	.710	18.0	.756	19.2	.154	3.9	2-56	.476	12.1	1.420	36.1	1.130	28.7	.890	22.6	
37	1.550	39.4	.370	9.4	1.265	32.1	1.190	30.2	1.130	28.7	.750	19.1	.774	19.7	.154	3.9	2-56	.478	12.1	1.450	36.8	1.120	31.2	.955	24.3	
51	1.500	38.1	.410	10.4	1.215	30.9	1.220	31.0	1.080	27.4	.780	19.8	.859	21.8	.154	3.9	2-56	.548	13.9	1.480	37.6	1.250	31.8	1.005	25.5	
51-2	1.910	48.5	.370	9.4	1.615	41.0	1.220	31.0	1.510	38.4	.780	19.8	.859	21.8	.154	3.9	2-56	.548	13.9	1.480	37.6	1.250	31.8	1.005	25.5	
67	2.310	58.7	.370	9.4	2.015	51.2	1.220	31.0	1.880	47.8	.780	19.8	.859	21.8	.154	3.9	2-56	.548	13.9	1.480	37.6	1.250	31.8	1.005	25.5	
69	1.810	46.0	.410	10.4	1.515	38.5	1.220	31.0	1.380	35.1	.780	19.8	.859	21.8	.154	3.9	2-56	.548	13.9	1.480	37.6	1.250	31.8	1.005	25.5	
75	2.140	54.4	.410	10.4	1.705	43.3	1.220	31.0	1.470	37.3	.780	19.8	.859	21.8	.184	4.7	4-40	.548	13.9	1.480	37.6	1.250	31.8	1.005	25.5	
100	2.235	56.8	.460	11.7	1.800	45.7	1.280	32.5	1.470	37.3	.840	21.3	1.014	25.8	.184	4.7	4-40	.687	17.4	1.580	40.1	1.320	33.5	1.080	27.4	
130	2.595	65.9	.460	11.7	2.160	54.6	1.280	32.5	1.830	46.5	.840	21.3	1.014	25.8	.184	4.7	4-40	.687	17.4	1.580	40.1	1.320	33.5	1.080	27.4	

MAXIMUM ENTRY SIZE

Shell Size	Top T	Side S	45° E	Dual 45° D
09	09	09	08	06
15	10	12	08	08
21	10	12	08	08
25	10	12	08	08
31	10	12	09	09
37	10	12	09	09
51	10	12	10	10
51-2	10	12	09	09
67	10	12	09	09
69	10	12	10	10
75	10	12	10	10
100	12	12	12	12
130	12	12	12	12

SCREWLOCKS AND JACKSCREWS

CLIP
CLIP HAS CIRCULAR
HOLE AND SQUARE
HOLE.



SCREWLOCK
SQUARE HOLE IS ON THE
TOP. SCREW IS FLOATING.
MATE CONNECTORS FIRST,
THEN FASTEN SCREWLOCKS.



JACKSCREW
SQUARE HOLE IS ON THE
BOTTOM. SCREW IS CAPTIVE.
TURN SCREWS TO JACK
CONNECTORS TOGETHER.



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