

Qwik-Ty® Strain Reliefs

for AS50151 Crimp, M26482 Series II, M83723 Series III, AS95234

450A*047 Qwik-Ty Strain Relief, Composite, with Braid Sock

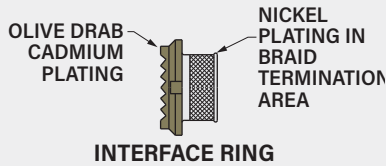
Self-Locking



Shielded. Self-locking. Composite. Qwik-Ty® strain relief has brass EMI adapter attached to 12 inches (30 cm) of shielding braid. Fits AS50151 crimp, AS95234, MIL-DTL-26482 Series II, MIL-DTL-83723 Series III connectors. Coupling nut and body are glass fiber filled PEI, black color. Tin-plated copper alloy crimp ring. Anti-decoupling mechanism in coupling nut provides audible detented coupling and prevents backoff under high vibration. Secure wire bundle with plastic strap or lacing tape (not included). Straight, 45° and 90° profiles.

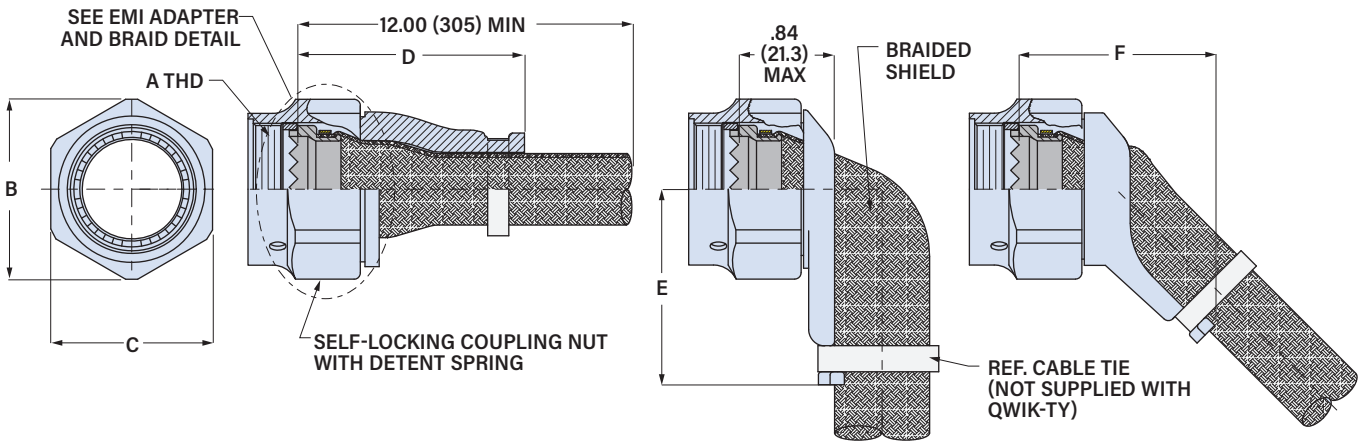
Adapter Code A
AS50151 crimp, AS95234, MIL-DTL-26482 Ser. II, MIL-DTL-83723 Ser. III

FIGURE 1: FINISH CODE XN



PART NUMBER

	450AS047	XB	10	L	R	14
Base P/N	450AS047 Straight 450AA047 90° 450AB047 45°					
EMI Adapter Finish	XB Electroless Nickel XMT Nickel/PTFE XN Olive Drab Cadmium, selective (fig.1)					
Shell Size	08 10 12 14 16 18 20 22 24					
Braid Type	<i>Omit for standard 34 AWG nickel/copper braid</i> T 34 AWG Tin/Copper Braid A AmberStrand® Nickel/Composite Braid L Microfilament ArmorLite®W Nickel/SST Braid					
Split Ring and Band	<i>Omit if not required</i> R Split ring and coiled band supplied with clamp					
Braid Length	<i>Omit for standard 12 inch length</i> 14 Length in 1 inch increments, 6 inch min. "14" = 14 inches.					



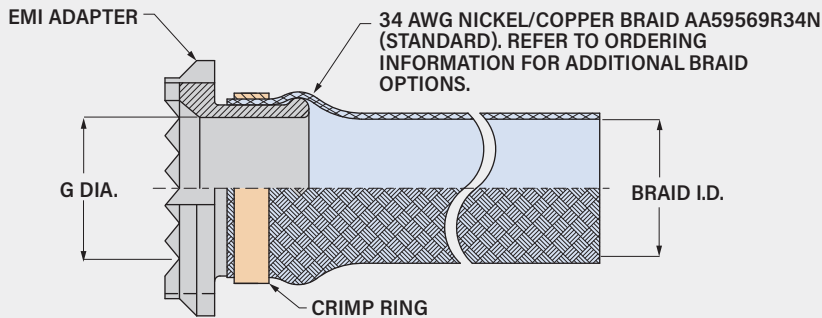
Shell Size	A		C		D Max		E Max		F Max		
	Thread Class 2B	øB Max In.	mm.	Hex Flats In.	mm.	In.	mm.	In.	mm.	In.	mm.
08	0.500-20 UNF	.86	21.8	.750	19.1	1.55	39.4	1.47	37.3	1.39	35.3
10	0.625-24 UNEF	.98	24.9	.875	22.4	1.55	39.4	1.54	39.1	1.39	35.3
12	0.750-20 UNEF	1.16	29.5	1.000	25.4	1.79	45.5	1.87	47.5	1.39	35.3
14	0.875-20 UNEF	1.28	32.5	1.125	28.6	1.79	45.5	1.91	48.5	1.89	48.0
16	1.000-20 UNEF	1.41	35.8	1.250	31.8	1.94	49.3	1.97	50.0	1.89	48.0
18	1.0625-18 UNEF	1.52	38.6	1.375	34.9	1.98	50.3	1.97	50.0	1.99	50.5
20	1.1875-18 UNEF	1.64	41.7	1.500	38.1	2.16	54.9	2.04	51.8	1.99	50.5
22	1.3125-18 UNEF	1.77	45.0	1.625	41.3	2.24	56.9	2.10	53.3	1.99	50.5
24	1.4375-18 UNEF	1.89	48.0	1.750	44.5	2.40	61.0	2.16	54.9	2.20	55.9

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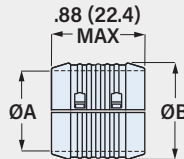
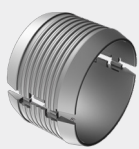
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EMI ADAPTER AND BRAID DETAIL



Shell Size	ø G		Braid I.D.	
	± .015 (0.4) In.	mm.	In.	mm.
08	.265	6.73	.375	9.53
10	.370	9.40	.375	9.53
12	.506	12.85	.500	12.70
14	.580	14.73	.500	12.70
16	.705	17.91	.781	19.84
18	.784	19.91	.781	19.84
20	.909	23.09	1.000	25.40
22	1.034	26.26	1.000	25.40
24	1.149	29.18	1.250	31.75

SUPPORT RING AND PRE-COILED BAND (R OPTION)



687-749 Split Ring



Banding Tool

Optional split support ring provides a reliable, low resistance method of splicing braid sock to wire bundle braid. Snap split ring over wire bundle, then overlap braid sock and cable braid. Install band around split ring and braid using **Band-Master ATS®** standard banding tool.

Shell Size	Support Ring Part Number	øA		øB	
		± .030 (0.8) In.	mm.	± .030 (0.8) In.	mm.
08	687-749XB04	.25	6.4	.40	10.2
10	687-749XB06	.38	9.7	.53	13.5
12	687-749XB08	.50	12.7	.65	16.5
14	687-749XB10	.63	16.0	.78	19.8
16	687-749XB12	.75	19.1	.90	22.9
18	687-749XB14	.88	22.4	1.03	26.2
20	687-749XB16	1.00	25.4	1.15	29.2
22	687-749XB18	1.13	28.7	1.28	32.5
24	687-749XB20	1.25	31.8	1.40	35.6

Shell Size	Band Part Number	Tool Part Number
All	601-041	601-100

MATERIAL/FINISH

Body, coupling nut: polyetherimide (PEI)/no finish (black color)

EMI adapter: brass, plated per finish code. For finish code XN, selectively plated as shown in fig. 1.

Crimp ring: copper/tin

Anti-decoupling spring: high grade engineering thermoplastic

Split ring: polyetherimide, black color

Band strap: stainless steel

Braid: (standard) 34 AWG nickel-coated copper, type AA59569R34N

Code T: 34 AWG tin-coated copper, type AA59569R34T

Code A: **AmberStrand®** ultralightweight nickel-coated polymer

Code L: **ArmorLite®** microfilament nickel-coated 316L stainless steel