



**Features**

- Corrosion resistant high strength engineering thermoplastic
- Self-locking spin coupling
- Non-environmental
- Three shield ferrules

**Specifications**

- Operating temperature: codes XM, XMT: -65°C to +200°C codes XW: -65°C to +175°C
- Salt spray (corrosion): 2000 hours
- Vibration: SAE AS85049 Category 4C
- Shock: SAE AS85049 Category 4C

**Construction**

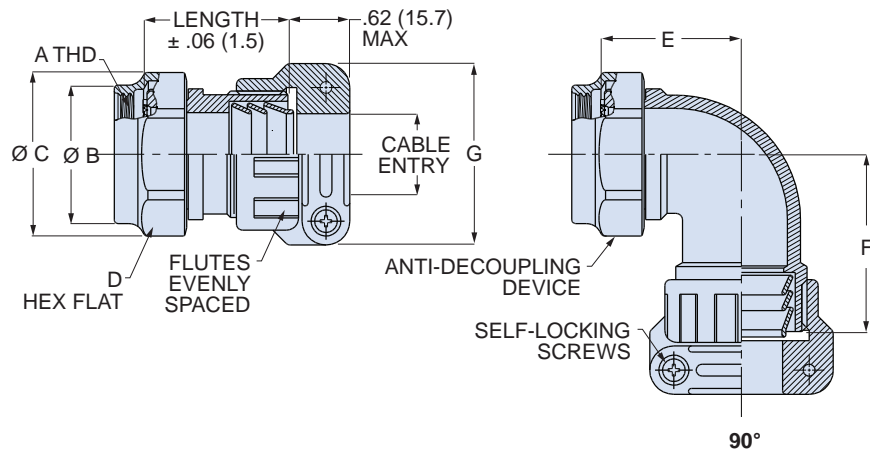
- Adapter: high grade engineering thermoplastic. See How to Order for finish options
- Coupling nut, saddle clamps, clamp body: high grade engineering thermoplastic, no plating, black
- Ferrules: aluminum alloy. See How to Order for finish options.
- Hardware: stainless steel, passivated
- Anti-decoupling device: high grade engineering thermoplastic

**Notes**

1. Cable entry is measured with the saddle clamps closed and bottomed on clamp ears.

**Composite. Straight or 90°. Shielded. Self-Locking.** Corrosion-resistant EMI backshell features high strength thermoplastic construction. Aluminum alloy shield termination rings. Self-locking coupling ring and cable clamp screws. Nickel, cadmium, or nickel-PTFE finish.

How To Order					
SAMPLE PART NUMBER	<b>387VS243</b>	<b>XM</b>	<b>12</b>	<b>06</b>	<b>-4</b>
<b>Product</b>	<b>387VS243</b> = Straight Adapter <b>387VW243</b> = 90° Adapter				
<b>Material/ Finish</b>	<b>XM</b> = Electroless nickel <b>XMT</b> = Nickel/PTFE <b>XW</b> = Olive Drab Cadmium				
<b>Shell Size</b>	<b>08 09 10 11 12 14 16 18 20 22 24</b>				
<b>Cable Entry Code</b>	See Table 1 for cable entry sizes				
<b>Adapter Length</b>	<i>Omit for 90° version. Applicable to 387VS243 only.</i> Length in ¼ inch increments: <b>4</b> = 1 inch (min.) <b>5</b> = 1.25 inches <b>6</b> = 1.5 inches <b>8</b> = 2 inches				



**Table 1 Cable Entry Code**

Cable Entry Code	Cable Entry ±.039 (1.0)		G Max.	
	In.	mm.	In.	mm.
<b>04</b>	.312	7.9	1.125	28.6
<b>06</b>	.437	11.1	1.250	31.8
<b>08</b>	.500	12.7	1.312	33.3
<b>10</b>	.625	15.9	1.438	36.5
<b>12</b>	.750	19.1	1.625	41.3
<b>14</b>	.874	22.2	1.688	42.9
<b>16</b>	.937	23.8	1.750	44.5
<b>17</b>	1.094	27.8	1.906	48.5

**Table 2 Dimensions**

Shell Size	A ISO Metric Thread	ØB Max.		ØC Max.		D Hex		E ±.078 (2.0)		F ±.078 (2.0)		Max. Cable Entry
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.	
<b>08</b>	M10 x 1.0-6H	.65	16.5	.86	21.8	.75	19.1	.722	18.3	1.750	44.4	04
<b>09</b>	M12 x 1.0-6H	.65	16.5	.86	21.8	.75	19.1	.722	18.3	1.750	44.4	04
<b>10</b>	M14 x 1.0-6H	.77	19.5	.98	24.9	.88	22.2	.784	19.9	1.820	46.2	06
<b>11</b>	M15 x 1.0-6H	.77	19.5	.98	24.9	.88	22.2	.784	19.9	1.820	46.2	06
<b>12</b>	M17 x 1.0-6H	.89	22.6	1.16	29.5	1.00	25.4	.816	20.7	1.860	47.2	08
<b>14</b>	M19 x 1.0-6H	1.03	26.2	1.28	32.5	1.13	28.6	.878	22.3	1.880	47.8	10
<b>16</b>	M22 x 1.0-6H	1.03	26.2	1.28	32.5	1.13	28.6	.878	22.3	1.880	47.8	10
<b>18</b>	M25 x 1.0-6H	1.15	29.2	1.41	35.8	1.25	31.8	.942	23.9	1.942	49.3	12
<b>20</b>	M28 x 1.0-6H	1.28	32.5	1.52	38.6	1.38	34.9	1.003	25.5	2.000	5.8	14
<b>22</b>	M31 x 1.0-6H	1.41	35.8	1.64	41.7	1.50	38.1	1.037	26.3	2.062	52.4	16
<b>24</b>	M34 x 1.0-6H	1.53	38.9	1.77	45.0	1.63	41.3	1.116	28.3	2.194	55.7	17