



Features

- EMI/RFI
- Self-locking spin coupling
- Band-Master shield termination

Specifications

- Operating temperature:
codes ME, MT and Z1: -65°C to +200°C
codes ZR, NF, NFP: -65°C to +175°C
- Shell conductivity:
aluminum versions: 2.5 milliohms max.
Stainless steel: 5 milliohms max.
- Salt spray (corrosion)
Code ME, NFP: 96 hours
Code NF, ZR, MT, Z1: 1000 hours
- Vibration: SAE AS85049 Category 3B
- Shock: SAE AS85049 Category 3B

Construction

- Coupling nut, adapter: aluminum alloy or 300 series stainless steel. See material/finish options in How to Order table.
- O-ring: silicone
- Anti-decoupling device: corrosion-resistant material

EMI shielding. Band-Master ATS® shield termination. Self-locking. Environmental. Spin coupling EMI/RFI adapter with anti-decoupling ratchet prevents loosening under vibration. Fits Series 806 connectors. Terminate cable shield to backshell with **Band-Master ATS®** stainless steel band. Compatible with Glenair Series 77 lipped heatshrink boots. Straight, 45° or 90° cable exit. Aluminum or stainless steel.

How To Order						
SAMPLE PART NUMBER	440VS191	ME	12	06	-4	K
Product	440VS191 = Straight Adapter 440VH191 = 45° Adapter 440VJ191 = 90° Adapter					
Material/ Finish	ME = Aluminum, Electroless Nickel MT = Aluminum, Ni/PTFE ZR = Aluminum, Black Zinc-Nickel NF = Aluminum, Olive Drab Cadmium NFP = Aluminum, Olive Drab Cadmium, nickel-plated shield termination area, polysulfide barrier Z1 = Stainless Steel, Passivated					
Shell Size	08 09 10 11 12 14 16 18 20 22 24					
Cable Entry Code	See Table 1 for cable entry sizes					
Adapter Length	Omit for 45° and 90° versions. Applicable to 440VS191 only. Length in ½ inch increments: 3 = 1½ inches (min. for Style 1 shown at right) 4 = 2 inches (min. for Style 2 shown on following page) 5 = 2½ inches 6 = 3 inches					
Optional Band Strap	Omit if bands will be purchased separately. K = Adapter supplied with pre-coiled band strap 601-041					

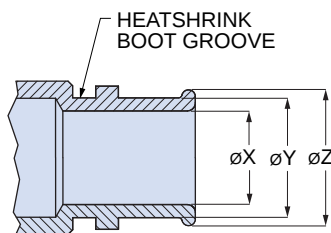
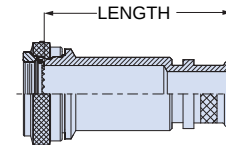
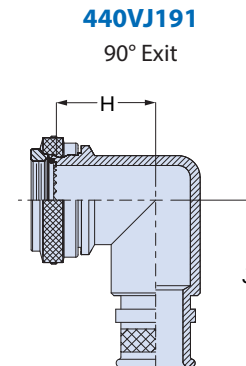
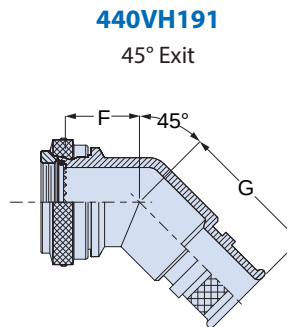
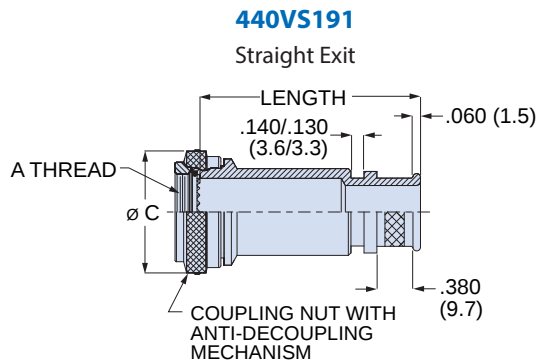


Table 1 Cable Entry											
Cable Entry Code	ø X Typ.		ø Y Typ.		ø Z Typ.		Cable Entry Code	ø X Typ.		ø Y Typ.	
	In.	mm.	In.	mm.	In.	mm.		In.	mm.	In.	mm.
02	.125	3.2	.250	6.4	.312	7.9	13	.812	20.6	.938	23.8
03	.188	4.8	.312	7.9	.374	9.5	14	.875	22.2	1.000	25.4
04	.250	6.4	.375	9.5	.437	11.1	15	.938	23.8	1.062	27.0
05	.312	7.9	.438	11.1	.500	12.7	16	1.000	25.4	1.125	28.6
06	.375	9.5	.500	12.7	.562	14.3	17	1.062	27.0	1.188	30.2
07	.438	11.1	.562	14.3	.624	15.8	18	1.125	28.6	1.250	31.8
08	.500	12.7	.625	15.9	.687	17.4	20	1.250	31.8	1.375	34.9
09	.562	14.3	.688	17.5	.750	19.1	22	1.375	34.9	1.500	38.1
10	.625	15.9	.750	19.1	.812	20.6	24	1.500	38.1	1.625	41.3
11	.688	17.5	.812	20.6	.874	22.2	26	1.625	41.3	1.750	44.5
12	.750	19.1	.875	22.2	.937	23.8	28	1.750	44.5	1.875	47.6

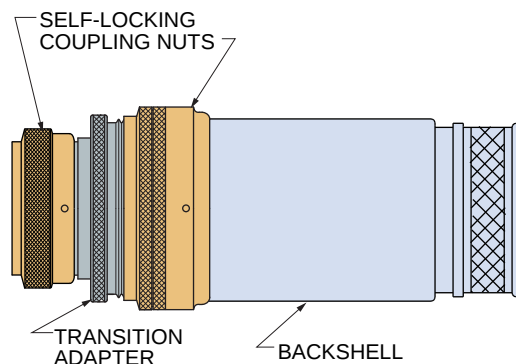


Shell Size	A ISO Metric Thread	ØC Max.		F Max. ⁽¹⁾		G Max.		H Max. ⁽¹⁾		J Max.		Max. Cable Entry Code ⁽¹⁾	Max. Cable Entry Dia. ⁽¹⁾	
		In.	mm.	In.	mm.	In.	mm.	In.	mm.	In.	mm.		In.	mm.
08	M10 x 1.0-6H	.692	17.58	.640	16.26	.920	23.37	.760	19.30	1.130	28.70	04	.250	6.4
09	M12 x 1.0-6H	.786	19.96	.650	16.51	.960	24.38	.790	20.07	1.180	29.97	05	.312	7.9
10	M14 x 1.0-6H	.883	22.43	.680	17.27	.990	25.15	.840	21.34	1.230	31.24	06	.375	9.5
11	M15 x 1.0-6H	.911	23.14	.690	17.53	1.020	25.91	.850	21.59	1.240	31.50	07	.438	11.1
12	M17 x 1.0-6H	1.002	25.45	.720	18.29	1.050	26.67	.900	22.86	1.290	32.77	08	.500	12.7
14	M19 x 1.0-6H	1.066	27.08	.730	18.54	1.080	27.43	.930	23.62	1.320	33.53	09	.562	14.3
16	M22 x 1.0-6H	1.196	30.38	.770	19.56	1.150	29.21	1.000	25.40	1.400	35.56	11	.688	17.5
18	M25 x 1.0-6H	1.311	33.30	.800	20.32	1.210	30.73	1.050	26.67	1.490	37.85	13	.812	20.6
20	M28 x 1.0-6H	1.430	36.32	.840	21.34	1.270	32.26	1.110	28.19	1.580	40.13	15	.938	23.8
22	M31 x 1.0-6H	1.548	39.32	.870	22.10	1.320	33.53	1.170	29.72	1.660	42.16	17	1.062	27.0
24	M34 x 1.0-6H	1.696	43.08	.920	23.37	1.390	35.31	1.250	31.75	1.770	44.96	18	1.125	28.6

(1) If the maximum cable entry code is exceeded, the backshell will be a "Style 2" with a transition adapter as shown below. The F and H dimensions will be increased by 1.00 inch (25.4 mm.) maximum.

Style 2 Adapters for Large Diameter Cables

If the cable entry diameter exceeds the maximum cable entry code shown in the above table, the adapter will be supplied with a **transition adapter**. On straight exit backshells, the transition adapter does not affect the length. On 45° and 90° versions the transition adapter adds 1.00 inch (25.4mm) maximum to the backshell length.



Application Note: Selective Plated Cadmium with Polysulfide Barrier

Olive drab (OD) cadmium (Cd) over electroless nickel (EN) is available in two versions. The standard version, designated as Glenair code **NF**, is a uniform Cd/EN finish over the entire part. A second version, designated as Glenair code **NFP**, is selectively plated with electroless nickel in the knurled shield attachment area. A polysulfide barrier separates the electroless nickel area from the cadmium plated area. This selectively plated version prevents galvanic corrosion that could potentially occur if nickel-coated shield braid is attached to a cadmium plated surface.

