

Series 806 Mil-Aero Connectors



440V*191 Metal EMI/RFI Boot and Band Adapter



Features

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

Specifications

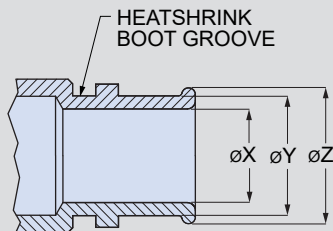
- Operating temperature:
codes ME, MT and Z1: -65°C to +200°C
codes ZR, NF, NFP: -65°C to +175°C
- Shell conductivity:
aluminum versions: 2.5 milliohms max.
Stainless steel: 5 milliohms max.
- Salt spray (corrosion)
Code ME, NFP: 96 hours
Code NF, ZR, MT, Z1: 1000 hours
- Vibration: SAE AS85049 Category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

Shrink Boot Options

- Consult factory for shrink boot options.



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	07 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 1/2 inch increments: 3 = 1 1/2 inches (min. for Style 1 shown at right) 4 = 2 inches (min. for Style 2 shown on following page) 5 = 2 1/2 inches 6 = 3 inches					
Optional Band Strap	Omit if bands will be purchased separately. K = Adapter supplied with pre-coiled band strap 601-041					

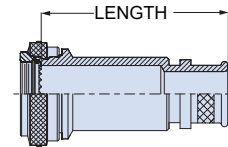


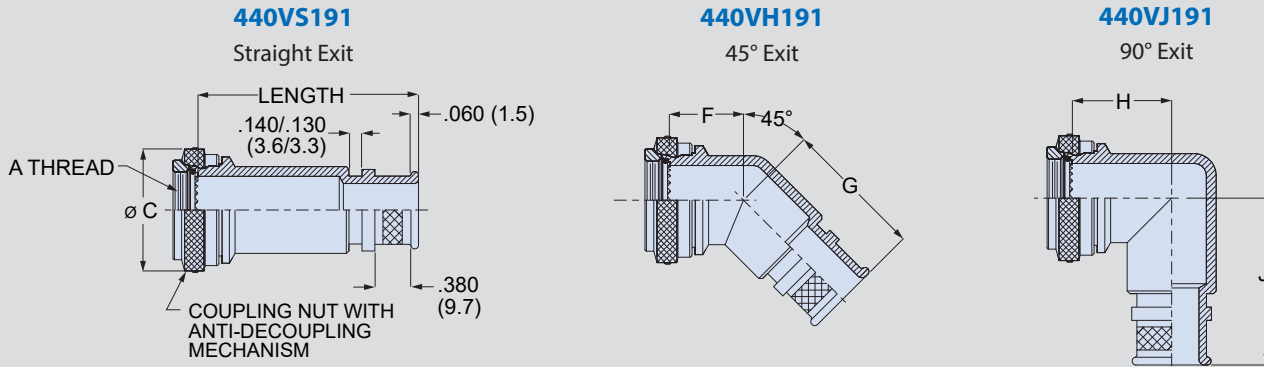
Table 1: Cable Entry

Cable Entry Code	Ø X Typ.	Ø Y Typ.	Ø Z Typ.	Cable Entry Code	Ø X Typ.	Ø Y Typ.	Ø Z Typ.
02	.125 (3.18)	.250 (6.35)	.312 (7.92)	13	.812 (20.62)	.938 (23.83)	1.000 (25.40)
03	.188 (4.78)	.312 (7.92)	.374 (9.50)	14	.875 (22.23)	1.000 (25.40)	1.062 (26.97)
04	.250 (6.35)	.375 (9.52)	.437 (11.10)	15	.938 (23.83)	1.062 (26.97)	1.124 (28.55)
05	.312 (7.92)	.438 (11.13)	.500 (12.70)	16	1.000 (25.40)	1.125 (28.58)	1.187 (30.15)
06	.375 (9.52)	.500 (12.70)	.562 (14.27)	17	1.062 (26.97)	1.188 (30.18)	1.250 (31.75)
07	.438 (11.13)	.562 (14.27)	.624 (15.85)	18	1.125 (28.58)	1.250 (31.75)	1.312 (33.32)
08	.500 (12.70)	.625 (15.88)	.687 (17.45)	20	1.250 (31.75)	1.375 (34.92)	1.437 (36.50)
09	.562 (14.27)	.688 (17.48)	.750 (19.05)	22	1.375 (34.92)	1.500 (38.10)	1.562 (39.67)
10	.625 (15.88)	.750 (19.05)	.812 (20.62)	24	1.500 (38.10)	1.625 (41.28)	1.687 (42.85)
11	.688 (17.48)	.812 (20.62)	.874 (22.20)	26	1.625 (41.28)	1.750 (44.45)	1.812 (46.02)
12	.750 (19.05)	.875 (22.23)	.937 (23.80)	28	1.750 (44.45)	1.875 (47.63)	1.937 (49.20)

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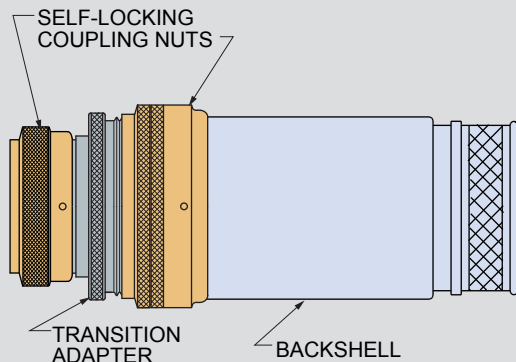


Shell Size	A ISO Metric Thd	øC Max.	F Max. ⁽¹⁾	G Max.	H Max. ⁽¹⁾	J Max.	Max. Cable Entry Code ⁽¹⁾	Max. Cable Entry Dia. ⁽¹⁾
07	M8 x 1.0-6H	.640 (16.26)	.630 (16.00)	.880 (22.35)	.730 (18.54)	1.080 (27.43)	03	.188 (4.78)
08	M10 x 1.0-6H	.692 (17.58)	.640 (16.26)	.920 (23.37)	.760 (19.30)	1.130 (28.70)	04	.250 (6.35)
09	M12 x 1.0-6H	.786 (19.96)	.650 (16.51)	.960 (24.38)	.790 (20.07)	1.180 (29.97)	05	.312 (7.92)
10	M14 x 1.0-6H	.883 (22.43)	.680 (17.27)	.990 (25.15)	.840 (21.34)	1.230 (31.24)	06	.375 (9.52)
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 (11.13)
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 (12.70)
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 (14.27)
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 (17.48)
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 (20.62)
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 (23.83)
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 (26.97)
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 (28.58)

(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.

