

## Shielded Cable Clamps

### Straight Exit RFI/EMI Shields for Jacketed Cable (Two-Piece)

This RFI/EMI shield allows cable to be fully prepared and terminated to the connector before the shield is installed. During installation, the shield of the jacketed cable is folded back and compressed into the cable opening of the RFI/EMI shield. For greater cable support and/or shielding effectiveness, split-ring and crimp ferrules are available (pages 148-150).

#### Material and Finish:

**Die Cast Shield**—Zinc alloy, plated bright nickel over bright copper

**Metal-Plated Plastic Shield**—Thermoplastic, plated nickel over copper

**4-40 Fillister Head Screws and Hex Nuts**—Steel, zinc plated

**4-40 Mounting Screws**—Steel, zinc plated

**Jackscrews**—Stainless steel, passivated

#### Related Product Data:

**Ferrules**—pages 148-150

**Connectors used with:**

**HDE Metal-Shell**—pages 119 & 120

**HDP Metal-Shell (Tin plated only)**—pages 95-107

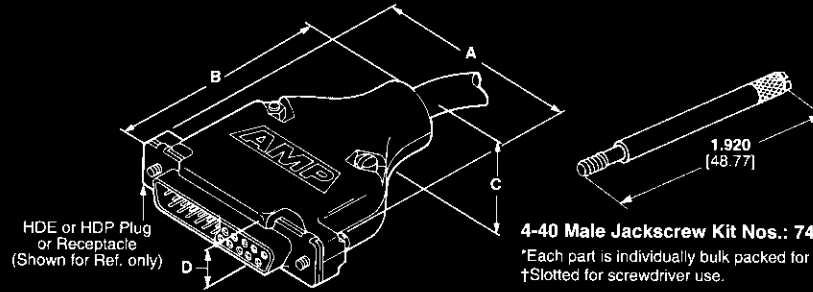
**Other accessory capabilities:**

**Spring Latch (Two-Piece)**—page 157

#### Technical Documents:

**Product Specification**—108-40032

**Instruction Sheet**—408-6609



**4-40 Male Jackscrew Kit Nos.: 747784-8 (bulk packed)\*\***  
 \*Each part is individually bulk packed for multiple kit orders.  
 †Slotted for screwdriver use.

Shell Size	Dimensions				Cable O.D. (Max.)	Die Cast Shield Kit Numbers	Metal-Plated Plastic Shield Kit Numbers	Grommet Sets		
	A	B	C	D				Cable O.D. Range	No. of Grommets Per Set	Part Number
1	1.215 30.86	1.910 48.51	.550** 13.97	.620** 15.75	.200 5.08	745171-2	745854-5	—	—	
					.250 6.35	745171-1	745854-3	—	—	
					.370 9.40	745171-5	745854-1	.185-.320 4.70-8.13	4	747746-1
					.225 5.72	745172-3	747099-7	—	—	—
2	1.545 39.24	1.910 48.51	.620 15.75	.620 15.75	.300 7.62	745172-2	747099-5	—	—	
					.375 9.53	745172-1	747099-3	.185-.320 4.70-8.13	4	747746-1
					.430 10.92	1-745172-3	747099-1	—	—	—
					.280 7.11	745173-5	745833-9	—	—	—
3	2.090 53.09	1.920 48.77	.680 17.27	.620** 15.75	.350 8.89	745173-4	745833-7	—	—	
					.430 10.92	745173-3	745833-5	—	—	—
					.480 12.19	745173-2	745833-3	—	—	—
					.530 13.46	745173-1	745833-1	.255-.470 6.48-11.94	6	747973-1
					.350 8.89	745174-5	747100-9	—	—	—
					.425 10.80	745174-4	747100-7	—	—	—
4	2.738 69.55	1.920 48.77	.800 20.32	.620 15.75	.500 12.70	745174-3	747100-5	—	—	
					.530 13.46	2-745174-7	1-747100-1	.255-.470 6.48-11.94	6	747973-1
					.575 14.61	745174-2	747100-3	—	—	—
					.650 16.51	745174-1	747100-1	—	—	—
					.375 9.53	745175-6	—	—	—	—
5	2.644 67.16	1.920 48.77	.900 22.86	.730 18.55	.450 11.43	745175-5	—	—	—	
					.525 13.34	745175-4	—	.255-.470 6.48-11.94	6	747973-1
					.600 15.24	745175-3	—	—	—	—
					.675 17.15	745175-2	—	—	—	—
					.750 19.05	745175-1	747098-1	—	—	

### Cable Clamp Kits with Grommets

Shell Size	Dimensions				Cable O.D. Range	No. of Grommets Per Set	Kit Numbers	
	A	B	C	D			Die Cast Shield With Grommets	Metal-Plated Plastic Shield With Grommets
1	1.215 30.86	1.910 48.51	.550** 13.97	.620** 15.75	.185-.320 4.70-8.13	4	748676-1	748677-1
2	1.545 39.24	1.910 48.51	.620 15.75	.620 15.75	.185-.320 4.70-8.13	4	748676-2	748677-2
3	2.090 53.09	1.920 48.77	.680 17.27	.620** 15.75	.255-.470 6.48-11.94	6	748676-3	748677-3
4	2.738 69.55	1.920 48.77	.800 20.32	.620 15.75	.255-.470 6.48-11.94	6	748676-4	748677-4
5	2.644 67.16	1.920 48.77	.900 22.86	.730 18.54	.255-.470 6.48-11.94	6	748676-5	748677-5

**Notes:** 1. All parts are packaged unassembled.  
 2. Jackscrews must be purchased separately.  
 3. Split-ring and crimp ferrules are shown on pages 148-150.  
 4. Shielded cable clamps will not accept connector housings with clinch nuts.

\*\* The following dimensions apply to metal-plated plastic cable clamps: Size 1: C = .570 [14.48], D = .630 [16.0] Size 3: D = .640 [16.26]