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Jameco Part Number 614045

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

Jackscrows—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

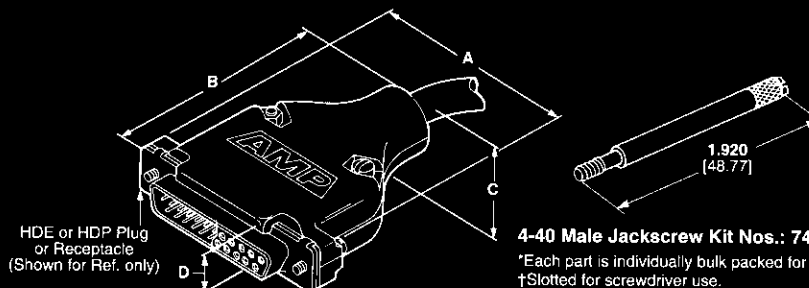
Other accessory capabilities:

Spring Latch (Two-Piece)—page 157

Technical Documents:

Product Specification—108-40032

Instruction Sheet—408-6609



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
4	2.738 69.55	1.920 48.77	.800 20.32	.620 15.75	.350 8.89	745174-5	747100-9	—	—	—
					.425 10.80	745174-4	747100-7	—	—	—
					.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
5	2.644 67.16	1.920 48.77	.900 22.86	.730 18.55	.575 14.61	745174-2	747100-3	—	—	—
					.650 16.51	745174-1	747100-1	—	—	—
					.375 9.53	745175-6	—	—	—	—
					.450 11.43	745175-5	—	—	—	—
6	2.644 67.16	1.920 48.77	.900 22.86	.730 18.55	.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]