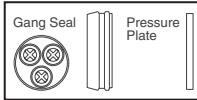


Wire Entry Seal Kits

Includes one Gang Seal and one pressure plate marked for cavity identification.

Material and Finish:

Seal - Elastomer, red iron oxide. Pressure Plate - Nylon, black

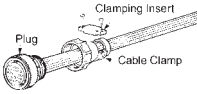


Shell Size	Insulation Diameter Inch (mm)	Seal Diameter Inch (mm)	Digi-Key Part No.	Price Each		AMP Part No.	
				1	25		
Kit for Pins							
13-9	.075 - .125 (1.91 - 3.18)	.681 (17.30)	A25059-ND	5.27	4.89	4.27	213926-1
17-3	.178 - .265 (4.52 - 6.73)	.790 (20.07)	A25060-ND	6.72	6.24	5.45	213899-1
17-10	.150 - .265 (3.81 - 6.73)	.790 (20.07)	A25788-ND	4.94	4.58	4.01	213900-1
17-14	.075 - .125 (1.91 - 3.18)	.790 (20.07)	A25061-ND	5.37	4.98	4.35	213919-2
17-16	.075 - .125 (1.91 - 3.18)	.790 (20.07)	A25062-ND	5.37	4.98	4.35	213920-2
Kit for Sockets							
13-9	.075 - .125 (1.91 - 3.18)	.681 (17.30)	A25063-ND	5.27	4.89	4.27	213925-1
17-3	.178 - .265 (4.52 - 6.73)	.790 (20.07)	A25060-ND	6.72	6.24	5.45	213899-1
17-10	.150 - .265 (3.81 - 6.73)	.790 (20.07)	A25788-ND	4.94	4.58	4.01	213900-1
17-14	.075 - .125 (1.91 - 3.18)	.790 (20.07)	A25064-ND	7.69	7.13	6.23	213919-1
17-16	.075 - .125 (1.91 - 3.18)	.790 (20.07)	A25065-ND	11.48	10.64	9.30	213920-1

Cable Clamps - Plastic Shell

Cable clamps are used to prevent excessive strain on cable or wire from being transmitted to the contacts inside the connector housings.

These may be used on all receptacles and plugs. Two screws included.



Shell Size	Cable Outer Diameter Inch (mm)	Screw Length Inch (mm)	Digi-Key Part No.	Price Each		AMP Part No.
				1	25	
11	.329 (8.36)	.375 (9.53)	A1330-ND	3.94	3.65	206062-1
	.329 (8.36)	.375 (9.53)	A32514-ND	3.94	3.65	1-206062-6
	.329 (8.36)	.500 (12.7)	A25021-ND	3.94	3.65	206062-3
	.329 (8.36)	.500 (12.7)	A32515-ND	3.94	3.65	1-206062-4
	.453 (11.51)	.500 (12.7)	A1687-ND	3.94	3.65	206358-1
13	.453 (11.51)	.500 (12.7)	A1331-ND	3.96	3.67	206966-1
	.453 (11.51)	.500 (12.7)	A32519-ND	3.96	3.67	206966-7
	.703 (17.86)	.625 (15.88)	A1688-ND	4.22	3.92	207008-1
	.703 (17.86)	.625 (15.88)	A33751-ND	4.22	3.92	207008-5
17	.453 (11.51)	.500 (12.7)	A1332-ND	3.96	3.67	206070-1
	.453 (11.51)	.500 (12.7)	A32516-ND	3.96	3.67	206070-8
	.703 (17.86)	.625 (15.88)	A1689-ND	4.53	4.20	206322-1
23	.703 (17.86)	.625 (15.88)	A1334-ND	4.14	3.84	206138-1
	.703 (17.86)	.625 (15.88)	A32517-ND	4.14	3.84	206138-8
	1.125 (28.58)	.625 (15.88)	A1690-ND	5.23	4.85	206512-1
	1.125 (28.58)	.625 (15.88)	A32502-ND	5.23	4.85	206512-5
	1.125 (28.58)	1.00 (25.4)	A16061-ND	6.56	6.08	207774-1
	1.125 (28.58)	1.00 (25.4)	A33752-ND	6.56	6.08	207774-3

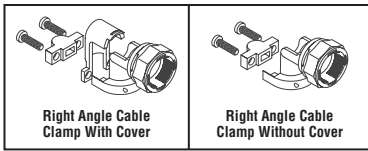
◆ RoHS Compliant † Self-Centering

Right Angle Cable Clamps

Cable clamps are used to prevent excessive strain on cable or wire from being transmitted to the contacts inside the connector housings.

These may be used on all receptacles and plugs.

Two screws included.



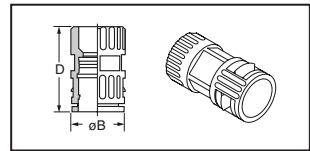
Shell Size	Cable Outer Diameter Inch (mm)	Digi-Key Part No.	Price Each		AMP Part No.
			1	25	
Cable Clamp with Cover					
11	.329 (8.36)	A31208-ND	6.81	6.31	1546347-1
11	.329 (8.36)	A32501-ND	6.81	6.31	1546347-2
13	.453 (11.51)	A31209-ND	6.95	6.45	1546348-1
13	.453 (11.51)	A33753-ND	6.95	6.45	1546348-2
17	.453 (11.51)	A31210-ND	6.95	6.45	1546349-1
17	.453 (11.51)	A33754-ND	6.95	6.45	1546349-2
23	.703 (17.86)	A31211-ND	7.34	6.81	1546350-1
23	.703 (17.86)	A33755-ND	7.34	6.81	1546350-2
Cable Clamp without Cover					
11	.329 (8.36)	A31212-ND	6.01	5.57	796379-1
11	.329 (8.36)	A33756-ND	6.01	5.57	796379-2
13	.453 (11.51)	A31213-ND	6.07	5.63	796380-1
13	.453 (11.51)	A33757-ND	6.07	5.63	796380-2
17	.453 (11.51)	A31214-ND	6.07	5.63	796381-1
17	.453 (11.51)	A33758-ND	6.07	5.63	796381-2
23	.703 (17.86)	A31215-ND	6.54	6.07	796382-1
23	.703 (17.86)	A33759-ND	6.54	6.07	796382-2

◆ RoHS Compliant

Flexible Tubing Connectors

To be used with all circular plastic connectors

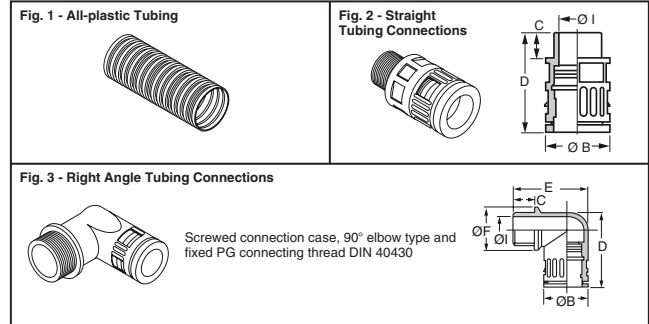
- **Characteristics:** One-piece plastic quick screw connection with UNEF-internal thread
- **Material:** High-quality, impact resistant plastic material (PA); Sealing: Santoprene®
- **Properties:** Easy to assemble due to one-piece screw connection with push-in lock. Simple disconnect by displacing the snap-in sleeve. Smallest outer dimensions to be used under confined conditions
- **Temperature Range:** Approximately -30°C - 100°C
- **Color:** Black



CPC Shell Size	Trade Size Tubing Outer Diameter	Inner Thread UNEF	Dimensions (mm)		Digi-Key Part No.	Price Each		AMP Part No.
			Largest Outer øB	Total Length D		1	25	
11	0.51" (13.0mm)	5/8" - 24	20.6	36.6	A16102-ND	4.61	4.28	1-969807-2
13	0.62" (15.8mm)	3/4" - 20	23.6	41.7	A16103-ND	4.65	4.32	1-969809-3
17	0.83" (21.2mm)	15/16" - 20	30.1	50.3	A16104-ND	5.90	5.48	1-969811-4
23	1.12" (28.5mm)	1" - 20	37.0	54.0	A16105-ND	8.16	7.57	2-969813-5

NOTE: Must also be used with Flexible Corrugated Tubing (Mfg. numbers 969789-2, 969789-3, 969789-4 and 969789-5)

Flexible Corrugated Tubing and Connectors



PLASTIC TUBING: • **Properties:** Air- and liquid-tight, oil resistant up to 80°C, benzene resistant, highly resistant to acids and solvents, ozone resistant, free of silicon, cadmium and halogen, self-extinguishing and flame retarding

• **Temperature Range:** Approximately -40°C - 115°C, temporarily withstands temperatures up to approximately 150°C

• **Color:** Black • UL File No. E86359, GGV5 certified

CONNECTIONS: One-piece plastic quick screw connection with PG-thread accessory to DIN 40430 for corrugated tubings

• **Material:** High-quality, impact resistant plastic material (PA); Sealing: Santoprene®

• **Properties:** Easy to assemble due to one-piece screw connection with push-in lock. Simple disconnect by displacing the snap-in sleeve. Smallest outer dimensions to be used under confined conditions

• **Temperature Range:** Approximately -30°C - 100°C

• **Color:** Black • GGV5 certified

Trade Size Tubing Outer Diameter Inch (mm)	Bending Radius (mm) ±10%	Digi-Key Part No.	Note: X in Part No. = Meters Per Roll				AMP Part No.
			5 meter	10 meter	25 meter	50 meter	
0.51 (13.0)	20	A16090-X-ND	18.45	33.83	76.88	131.00	969789-2
0.62 (15.8)	35	A16091-X-ND	24.15	44.28	100.63	172.00	969789-3
0.83 (21.2)	45	A16092-X-ND	38.25	70.13	159.38	273.00	969789-4
1.12 (28.5)	55	A16093-X-ND	62.70	114.95	261.25	447.00	969789-5

Trade Size Tubing Outer Diameter Inch (mm)	Thread DIN 40430 PG	Dimensions - mm					Digi-Key Part No.	Price Each		AMP Part No.
		Smallest Inner øI	Largest Inner øB	Thread Length C	Total Length D	Total Height E		1	25	
0.51 (13.0)	9	10.0	20.0	10	35.0	—	A16094-ND	3.79	3.52	969803-2
0.62 (15.8)	11	12.5	23.0	10	37.0	—	A16095-ND	3.79	3.52	969803-3
0.83 (21.2)	16	17.0	29.5	12	43.5	—	A16096-ND	3.98	3.69	969803-4
1.12 (28.5)	21	23.5	37.0	12	46.0	—	A16097-ND	7.09	6.58	969803-5

Trade Size Tubing Outer Diameter Inch (mm)	Thread DIN 40430 PG	Dimensions - mm					Digi-Key Part No.	Price Each		AMP Part No.	
		Smallest Inner øI	Largest Inner øB	Thread Length C	Total Length D	Total Height E		1	25		
0.51 (13.0)	9	12.0	20.0	10	36.0	34.0	20.0	A16098-ND	6.87	6.37	969817-2
0.62 (15.8)	11	15.5	23.0	10	42.0	37.5	23.0	A16099-ND	7.15	6.64	969817-3
0.83 (21.2)	16	18.0	29.5	12	50.0	47.0	27.0	A16100-ND	7.54	7.00	969817-4
1.12 (28.5)	21	24.0	37.0	12	57.0	55.0	34.0	A16101-ND	12.83	11.90	969817-5

NOTE: Must order counternuts and seals separately.

Thread DIN 40430 PG	Dimensions - mm					Digi-Key Part No.	Price Each		AMP Part No.
	Thick-ness	Hex Width	Height	Outer Diameter	Inner Diameter		1	25	
9	5.0	22	—	—	—	A16106-ND	.37	.35	796260-2
11	5.0	24	—	—	—	A16107-ND	.49	.46	796260-3
16	6.0	30	—	—	—	A16108-ND	.55	.52	796260-5
21	7.0	36	—	—	—	A16109-ND	.90	.84	796260-6
Flat O-Ring Seal									
9	—	—	1.6	19	15	A16110-ND	.90	.84	796257-2
16	—	—	1.8	27	21.5	A16112-ND	1.05	.97	796255-3

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