

Amphenol Pcd Ethernet and RJ11 Connection System for Harsh Environments (Cont.)



A

Fig.	Coupling Type	Dimensions - Inch (mm)			Description	Digi-Key Part No.	Price Each			Amphenol Part No.
		A	B	C			1	25	50	
7	Bayonet	1.125 (28.58)	1.626 (41.3)	3.23 (82)	Inline Jam Nut Receptacle to Receptacle with Metal Gland, Black	APC1055-ND	67.52	62.70	61.50	RJF7PEM1B
	Bayonet	1.125 (28.58)	1.626 (41.3)	3.23 (82)	Inline Jam Nut Receptacle to Receptacle with Metal Gland, Nickel	APC1056-ND	67.91	63.07	61.86	RJF7PEM1N
	Thread	1.242 (31.55)	1.812 (46)	3.622 (92)	Inline Jam Nut Receptacle to Receptacle with Plastic Gland, Nickel	APC1089-ND	62.77	58.30	57.18	RJFTV7PE1N
	Thread	1.242 (31.55)	1.812 (46)	3.622 (92)	Inline Jam Nut Rec. to Rec. with Metal Gland, Olive Drab Cadmium	APC1294-ND	72.66	67.47	66.18	RJFTV7PEM1G
	Thread	1.242 (31.55)	1.812 (46)	3.622 (92)	Inline Jam Nut Receptacle to Receptacle with Metal Gland, Nickel	APC1090-ND	70.97	65.90	64.63	RJFTV7PEM1N
8	Quick Lever	1.339 (34)	1.575 (40)	1.714 (43.55)	Flange Receptacle to Receptacle, Black	APC1064-ND	18.16	16.62	15.50	RJFEZ21
	Quick Lever	1.339 (34)	1.575 (40)	13.53 (343.55)	Flange Receptacle to 0.3 Meter Cord for 10/100 Base, TX Black	APC1065-ND	26.96	25.17	24.27	RJFEZ2203100BTX
	Quick Lever	1.339 (34)	1.575 (40)	21.40 (543.55)	Flange Receptacle to 0.5 Meter Cord for 10/100 Base, TX Black	APC1066-ND	27.28	25.47	24.56	RJFEZ2205100BTX
	Quick Lever	1.339 (34)	1.575 (40)	41.08 (1,043.55)	Flange Receptacle to 1.0 Meter Cord for 10/100 Base, TX Black	APC1067-ND	28.18	26.30	25.36	RJFEZ2210100BTX
	Bayonet	1.125 (28.58)	1.311 (33.3)	1.051 (26.7)	Square Flange Receptacle to Receptacle, Black with Self Closing Cap	APC1026-ND	35.68	33.31	32.12	RJF21BSCC
	Bayonet	1.125 (28.58)	1.311 (33.3)	1.051 (26.7)	Square Flange Receptacle to Receptacle, Nickel with Self Closing Cap	APC1028-ND	36.99	34.52	33.29	RJF21NSCC
Accessories										
4	Bayonet	—	—	—	IP67 Dust Cap for RJF Bayonet Plugs, Black	APC1059-ND	28.18	26.30	25.36	RJFC6B
	Bayonet	—	—	—	IP67 Dust Cap for RJF Bayonet Plugs, Nickel	APC1060-ND	29.47	27.51	26.53	RJFC6N
	Push Pull	—	—	—	IP67 Dust Cap for RJF544 Push Pull Plugs	APC1001-ND	16.78	15.35	14.32	54402BM
	Thread	—	—	—	IP67 Dust Cap for RJFTV Threaded Plugs, Nickel	APC1092-ND	35.51	33.14	31.96	RJFTVC6N
5	Bayonet	—	—	—	IP67 Dust Cap for RJF Bayonet Square Flange Receptacles, Black	APC1057-ND	26.02	24.29	23.42	RJFC2B
	Bayonet	—	—	—	IP67 Dust Cap for RJF Bayonet Square Flange Rec., Olive Drab Cadmium	APC1292-ND	28.38	26.49	25.55	RJFC2G
	Bayonet	—	—	—	IP67 Dust Cap for RJF Bayonet Square Flange Receptacles, Nickel	APC1058-ND	27.45	25.62	24.70	RJFC2N
	Bayonet	—	—	—	IP67 Dust Cap for RJF Bayonet Jam Nut Receptacles, Black	APC1061-ND	33.11	30.90	29.80	RJFC7B
	Bayonet	—	—	—	IP67 Dust Cap for RJF Bayonet Jam Nut Receptacles, Nickel	APC1062-ND	34.51	32.22	31.07	RJFC7N
	Push Pull	—	—	—	IP67 Dust Cap for RJF544 Push Pull Receptacles	APC1000-ND	16.78	15.35	14.32	54402BE
	Push Pull	—	—	—	Panel Gasket for RJF544 Push Pull Square Flange Receptacles	APC1002-ND	2.06	1.59	1.43	54402JE
	Thread	—	—	—	IP67 Dust Cap for RJFTV Threaded Square Flange Receptacles, Nickel	APC1091-ND	34.26	31.97	30.83	RJFTVC2N
	Thread	—	—	—	IP67 Dust Cap for RJFTV Threaded Jam Nut Receptacles, Nickel	APC1093-ND	38.46	35.90	34.62	RJFTVC7N
	Reverse Bayonet	—	—	—	IP67 Dust Cap for RJFRB Reverse Bayonet Jam Nut Receptacles	APC1075-ND	12.27	10.67	9.60	RJFRBC7
—	Bayonet/SCC	—	—	—	Flange Gasket for RJF Bayonet and all with Self Closing Caps	APC1023-ND	2.14	1.65	1.48	JE18
	Bayonet	—	—	—	Flange Gasket for RJFTV Bayonet Square Flange Receptacles	APC1094-ND	4.16	3.23	2.87	JE19
	Quick Lever	—	—	—	IP67 Dust Cap for RJFEZ Quick Lever Receptacles	APC1070-ND	9.86	8.58	7.72	RJFEZBE
	Quick Lever	—	—	—	Panel Gasket for RJFEZ Quick Lever Square Flange Receptacles	APC1071-ND	1.49	1.09	.99	RJFEZJE
Tools										
—	Bayonet	—	—	—	Removal Tool RJFTV Thread, RJF Bayonet Receptacle and Plug Insert	APC1063-ND	32.52	30.36	29.27	RJFODE
	Push Pull	—	—	—	Removal Tool for RJF455 Plug Inserts	APC1003-ND	12.23	10.64	9.58	54400T02

USB and IEEE 1394 Connection System for Harsh Environments



Features: • Tri-Start Thread coupling • Sealed against fluids and dusts (IP67) • Shock, vibration and traction resistant • No cabling operation in field and no tools required • Can insert a standard USB 2.0 or most standard IEEE 1394 cordsets into a metallic plug • Operating Temperature: -55°C ~ 85°C • Mating cycles: 500 ~ 1,500

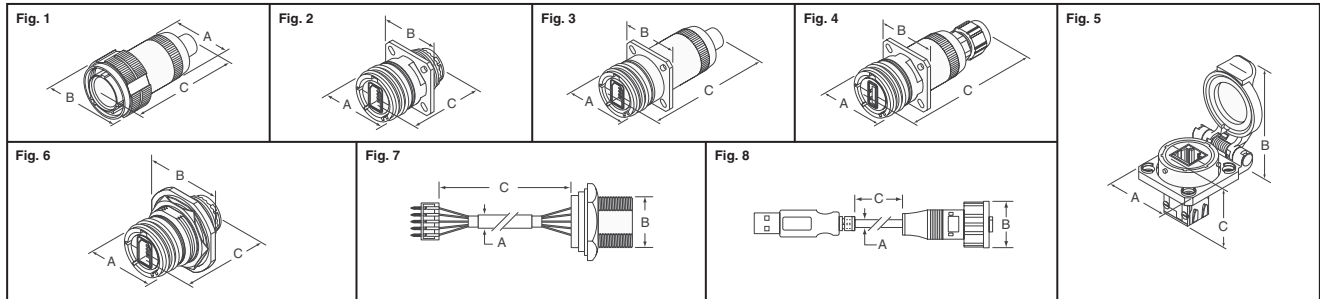


Fig.	Coupling Type	Dimensions - Inches (mm)			Description	Digi-Key Part No.	Price Each			Amphenol Part No.
		A	B	C			1	25	50	
USB										
1	Plug	.961 (24.4)	1.249 (31.72)	2.792 (70.91)	Plug Housing for USB to A Male cord	APC1107-ND	49.48	45.94	45.06	USBFTV6N
2	Receptacle	1.006 (25.5)	1.219 (30.96)	1.237 (31.41)	Square Flange A Receptacle to Receptacle, Nickel	APC1103-ND	37.91	35.38	34.12	USBFTV21N
	Receptacle	1.006 (25.5)	1.219 (30.96)	1.237 (31.41)	Square Flange A Receptacle to Solder, Nickel	APC1104-ND	37.50	35.01	33.76	USBFTV22N
3	Receptacle	1.006 (25.5)	1.219 (30.96)	3.422 (86.9)	Inline Square Flange A Receptacle to Receptacle with Backshell, Nickel	APC1105-ND†	73.22	68.00	66.69	USBFTV2PE1N
	Receptacle	1.006 (25.5)	1.219 (30.96)	3.422 (86.9)	Inline Jam Nut A Receptacle to Receptacle with Backshell, Nickel	APC1110-ND†	78.82	73.19	71.79	USBFTV7PE1N
5	Receptacle	1.006 (25.5)	1.219 (30.96)	1.052 (26.7)	Square Flange A Receptacle to Receptacle, Black with Self Closing Cap	APC1100-NDA	35.44	33.08	31.90	USBF21BSCC
	Receptacle	1.006 (25.5)	1.219 (30.96)	1.052 (26.7)	Square Flange A Receptacle to Receptacle, Nickel with Self Closing Cap	APC1101-NDA	37.00	34.54	33.30	USBF21NSCC
6	Receptacle	1.006 (25.5)	1.515 (38.47)	1.237 (31.42)	Jam Nut A Receptacle to Receptacle, Nickel	APC1108-ND	41.90	38.91	38.16	USBFTV71N
	Receptacle	1.006 (25.5)	1.515 (38.47)	1.237 (31.42)	Jam Nut A Receptacle to Solder, Nickel	APC1109-ND	41.51	38.55	37.81	USBFTV72N
7	Cable	0.197 (5)	0.811 (20.6)	1.968 (50.0)	Jam Nut B Receptacle to 5 Pin JMT 2.5mm Connector	APC1097-ND	14.94	13.67	12.75	USB8F7
8	Cable	0.197 (5)	0.811 (20.6)	39.37 (1,000)	Cord Male A to Sealed Male B	APC1095-ND	18.63	17.04	15.89	USB8F6100
	Cable	0.197 (5)	0.811 (20.6)	78.74 (2,000)	Cord Male A to Sealed Male B	APC1096-ND	20.05	18.35	17.11	USB8F6200
IEEE 1394										
1	Plug	.961 (24.4)	1.249 (31.72)	2.795 (71)	Plug Housing for IEEE 1394 Male Cord	APC1016-ND	54.08	50.22	49.25	FWFTV6N
2	Receptacle	1.006 (25.5)	1.219 (30.95)	1.332 (33.83)	Square Flange Receptacle to Receptacle, Nickel	APC1013-ND	40.14	37.28	36.56	FWFTV21N
	Receptacle	1.006 (25.5)	1.219 (30.95)	1.332 (33.83)	Square Flange Receptacle to Solder, Nickel	APC1014-ND	39.70	36.87	36.16	FWFTV22N
3	Receptacle	1.006 (25.5)	1.219 (30.95)	3.422 (86.9)	Inline Square Flange Receptacle to Receptacle with Backshell, Nickel	APC1015-ND†	85.55	79.45	77.92	FWFTV2PE1N
4	Receptacle	1.006 (25.5)	1.515 (38.5)	3.020 (77)	Inline Jam Nut Receptacle to Receptacle with Backshell, Nickel	APC1019-ND†	86.14	79.99	78.45	FWFTV7PE1N
5	Receptacle	1.417 (36)	1.890 (48)	1.052 (26.7)	Square Flange Receptacle to Receptacle, Black with Self Closing Cap	APC1010-NDA	39.96	37.29	35.96	FWF21BSCC
	Receptacle	1.417 (36)	1.890 (48)	1.052 (26.7)	Square Flange Receptacle to Receptacle, Nickel with Self Closing Cap	APC1011-NDA	40.49	37.80	36.45	FWF21NSCC
6	Receptacle	1.006 (25.5)	1.515 (38.5)	1.332 (33.8)	Jam Nut Receptacle to Receptacle, Nickel	APC1017-ND	47.52	44.13	43.29	FWFTV71N
	Receptacle	1.006 (25.5)	1.515 (38.5)	1.332 (33.8)	Jam Nut Receptacle to Solder, Nickel	APC1018-ND	47.06	43.71	42.87	FWFTV72N
Accessories										
IP67 Dust Cap for USBFTV Square Flange Receptacles						APC1112-ND	26.58	24.80	23.92	USBFTVC2N
IP67 Dust cap for USBFTV Plugs						APC1113-ND	27.60	25.76	24.84	USBFTVC6N
IP67 Dust Cap for USBFTV Jam Nut Receptacles						APC1114-ND	33.61	31.37	30.25	USBFTVC7N
Receptacle Cap for USB8F7 with Metal Chains						APC1098-ND	7.99	6.21	5.52	USB8FC7
IP67 Dust Cap for FWFTV Square Flange Receptacle						APC1020-ND	24.68	23.04	22.21	FWFTVC2N
Gasket for Square Flange Receptacles Both FWFTV and USBFTV						APC1024-ND	3.23	2.48	2.24	JE15
Tools										
Removal Tool for FWFTV Receptacle Inserts						APC1012-ND	33.19	30.99	29.88	FWFODE
Removal Tool for USBFTV Receptacle Inserts						APC1102-ND	26.02	24.29	23.43	USBFODE

† Not IP67 Sealed Δ Use JE18 Gasket

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