

# Ethernet, Firewire and USB Connection Systems

# Amphenol®

## RJF544 ETHERNET CONNECTION SYSTEM

RJ Field allows you to use an Ethernet Class D / Cat. 5e connection for 10 BaseT, 100 BaseTX or 1000 BaseT networks in harsh environments.

- IP67, Sealed against fluids and dusts
- Shock, vibration, and traction resistant
- Improved EMI protection
- Accomodates a standard RJ45 cordset
- Quick Push-Pull coupling
- No tools required



RoHS Compliant

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	5	10
<b>Plug</b>						
523-RJF5446	RJF5446	A	Circular Plastic, Black	12.60	11.52	10.60
<b>Receptacles</b>						
523-RJF54421	RJF54421	B	Panel Mount, Circular Plastic, Black	16.97	15.50	14.27
523-RJF5442M1	RJF5442M1	B	Panel Mount, Circular Metalized Plastic	20.44	18.06	15.93
<b>RJF 544 Accessories</b>						
523-54402BM	54402BM	-	Plastic Circular Cap for Plug	15.91	14.54	13.39
523-54402BE	54402BE	-	Plastic Circular Cap for Receptacle	16.06	14.59	13.36
523-54402JE	54402JE	C	Gasket (JE16) for Panel Mount Receptacle	1.00	.91	.83
523-5440T02	5440T02	-	Insert Removal Device for Plug and Receptacle	9.75	8.86	8.12

## FIREWIRE FIELD IEEE 1394A-2000 CONNECTION SYSTEM

- IP67, Sealed against fluids and dusts
- Shock, vibration, and traction resistant
- No tools required
- Can use most standard IEEE1394 cordsets
- Tri-Start Thread coupling mechanism (MIL-DTL-38999 series III type) with anti-decoupling device
- Data Rate: 400Mbits/second over 4.5 meters

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	RoHS	Price Each		
					1	5	10
<b>Plugs</b>							
523-FWFTV6N	FWFTV6N	D	Plug, Nickel	-	61.97	57.20	53.11
523-FWFTV6G	FWFTV6G	D	Plug, Green Cadmium	-	63.43	58.55	54.37
<b>Receptacles</b>							
523-FWFTV21N	FWFTV21N	E	Panel Mount, Nickel	Yes	46.01	42.47	39.44
523-FWFTV2PE1G	FWFTV2PE1G	F	Panel Mount with Backshell, Green Cadmium	No	109.01	99.92	92.24
523-FWFTV2PE1N	FWFTV2PE1N	F	Panel Mount with Backshell, Nickel	Yes	98.06	90.51	84.05
523-FWFTV71N	FWFTV71N	G	Jam Nut, Nickel	Yes	56.33	51.86	48.04
523-FWFTV71G	FWFTV71G	G	Jam Nut, Green Cadmium	No	63.55	58.07	53.46
<b>FW Field IEEE 1394 Accessories</b>							
523-FWFTVC6G	FWFTVC6G	H	Cap for Plug, Green Cadmium	No	28.64	26.44	24.55
523-FWFTVC2N	FWFTVC2N	I	Cap for Panel Mount Recept, Nickel	Yes	27.09	25.01	23.22
523-FWFTVC2G	FWFTVC2G	I	Cap for Panel Mount Recept, Green Cadmium	No	28.10	25.94	24.09
523-FWFTVC7G	FWFTVC7G	C	Cap for Jam Nut Recept, Green Cadmium	No	35.33	32.61	30.28

## USB FIELD CONNECTION SYSTEM

- IP67, Sealed against fluids and dusts
- Shock, vibration, and traction resistant
- No tools required
- Improved EMI protection
- Accomodates a standard USB 2.0 cordset
- Tri-Start Thread coupling mechanism (MIL-DTL-38999 series III type) with anti-decoupling device
- Data Rate: 1.5 to 12Mb/s for Full Speed USB
- Mechanical Coding / Polarization (2 positions)

\*USB cordset included.

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	RoHS	Price Each		
					1	5	10
<b>Plugs-Type A</b>							
523-USBFTV6N	USBFTV6N	J	Nickel	Yes	55.43	50.66	46.63
523-USBFTV6G	USBFTV6G	J	Green Cadmium	No	54.69	50.14	46.28
<b>Receptacles-Type A</b>							
523-USBFTV21N	USBFTV21N	K	Panel Mount, Nickel	Yes	42.07	38.44	35.39
523-USBFTV21G	USBFTV21G	K	Panel Mount, Green Cadmium	No	41.11	37.57	34.58
523-USBFTV2PE1N	USBFTV2PE1N	L	Panel Mount with Backshell, Nickel	Yes	82.64	76.29	70.84
523-USBFTV2PE1G	USBFTV2PE1G	L	Panel Mount with Backshell, Green Cadmium	No	90.05	83.12	77.18
523-USBFTV2PE2N	USBFTV2PE2N	M	Panel Mount with Backshell, PCB, Nickel	Yes	75.99	69.44	63.93
523-USBFTV2PE2G	USBFTV2PE2G	M	Panel Mount with Backshell, PCB, Green Cadmium	No	83.99	77.00	71.07
523-USBFTV22N	USBFTV22N	N	Panel Mount, PCB, Nickel	Yes	40.85	37.39	34.47
523-USBFTV22G	USBFTV22G	N	Panel Mount, PCB, Green Cadmium	No	43.13	39.21	35.95
523-USBFTV71N	USBFTV71N	O	Jam Nut, Nickel	Yes	44.01	40.62	37.72
523-USBFTV71G	USBFTV71G	O	Jam Nut, Green Cadmium	No	53.17	48.74	44.99
523-USBFTV7PE1N	USBFTV7PE1N	P	Jam Nut with Backshell, Nickel	Yes	85.64	78.84	73.04
523-USBFTV7PE1G	USBFTV7PE1G	P	Jam Nut with Backshell, Green Cadmium	No	94.03	86.57	80.21
523-USBFTV7PE2N	USBFTV7PE2N	Q	Jam Nut with Backshell, PCB, Nickel	Yes	81.38	75.12	69.76
523-USBFTV7PE2G	USBFTV7PE2G	Q	Jam Nut with Backshell, PCB, Green Cadmium	No	87.79	80.22	73.86
523-USBFTV72N	USBFTV72N	O	Jam Nut, PCB, Nickel	Yes	51.08	46.82	43.22
523-USBFTV72G	USBFTV72G	O	Jam Nut, PCB, Green Cadmium	No	49.80	45.65	42.14
<b>USB Field Accessories</b>							
523-USBFTVC6G	USBFTVC6G	H	Cap for Plug, Green Cadmium	No	31.25	28.64	26.44
523-USBFTVC6N	USBFTVC6N	H	Cap for Plug, Nickel	Yes	30.71	28.15	25.98
523-USBFTVC2N	USBFTVC2N	I	Cap for Panel Mount Recept, Nickel	Yes	27.31	24.88	22.84
523-USBFTVC2G	USBFTVC2G	I	Cap for Panel Mount Recept, Green Cadmium	No	28.34	25.81	23.69
523-USBFTVC7G	USBFTVC7G	I	Cap for Jam Nut Recept, Green Cadmium	No	36.41	33.37	30.81
523-USBFTVC7N	USBFTVC7N	I	Cap for Jam Nut Recept, Nickel	Yes	33.26	30.39	27.12
523-USBFTVC7MRG	USBFTVC7MRG	-	Cap for Jam Nut Recept, Green Cadmium, Metal Lanyard	No	70.95	63.86	57.47
523-USBFODE	USBFODE	C	Insert Removal Device	Yes	26.86	24.69	22.85

