

# AMPHENOL Ethernet and USB Connection Systems Amphenol®

## REINFORCED RUGGED USBFTV MEMORY KEYS, USB 3.0 SUPER SPEED

### Protection:

- Sealing: IP68 (when mated)
- Salt Spray: 48h with Nickel plating (ROHS) > 500h with Olive Drab Cadmium
- Vibrations: MIL-STD-810F method 514.5 fig 514.5.C cat 14
- Temperature Range: - 40°C/+85°C (MIL-STD-810F)
- Data transmission during vibration & temperature tests
- Derived from MIL-OTL-38999 III specification

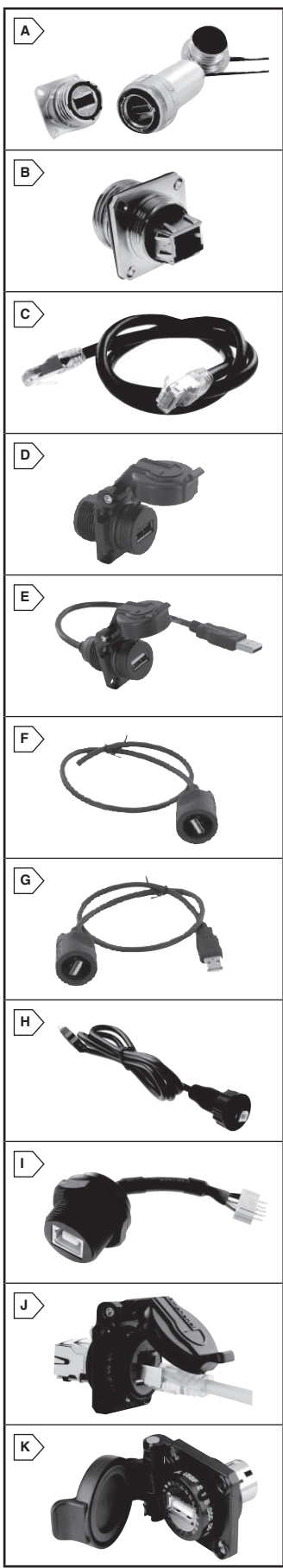
### Features:

- Voltage: 5V DC - 500mA max
- Electromagnetic compatibility: 89/336/EEC and Part 15 Class B
- Backwards compatible with USB 2.0



RoHS Compliant For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Capacity	Coding Position	Description	Price Each	
						1	5
523-USB3TVKEY6A8GCAP	USB3FTVKEY6A8GCAP	A	8GB	A	Green Cadmium with Cap	472.05	393.38
523-USB3TVKEY6A8NCAP	USB3FTVKEY6A8NCAP	A	8GB	A	Nickel with Cap	472.05	393.38
523-USB3TVKEY6B8GCAP	USB3FTVKEY6B8GCAP	A	8GB	B	Green Cadmium with Cap	472.05	393.38
523-USB3TVKEY6B8NCAP	USB3FTVKEY6B8NCAP	A	8GB	B	Nickel with Cap	472.05	393.38
523-USB3FT6A16GTGCAP	USB3FTVKEY6A16GTGCAP	A	16GB	A	Green Cadmium with Cap	728.90	607.42
523-USB3FT6A16GTNCAP	USB3FTVKEY6A16GTNCAP	A	16GB	A	Nickel with Cap	728.90	607.42
523-USB3FT6A32GTGCAP	USB3FTVKEY6A32GTGCAP	A	32GB	A	Green Cadmium with Cap	995.41	753.67
523-USB3FT6A32GTNCAP	USB3FTVKEY6A32GTNCAP	A	32GB	A	Nickel with Cap	995.41	753.67
523-USB3FT6A64GTGCAP	USB3FTVKEY6A64GTGCAP	A	64GB	A	Green Cadmium with Cap	1465.34	1109.47
523-USB3FT6A64GTNCAP	USB3FTVKEY6A64GTNCAP	A	64GB	A	Nickel with Cap	1465.34	1109.47



## AMPHENOL ATEX ETHERNET CONNECTORS

Amphenol introduces the first ATEX Ethernet connectors for applications in Zone 2 and Class I Division 2 explosive environments

- IP68 Ingress Protection
- Substantial reduction of overall plant costs
- Incorporates RJStop® connection system
- Designed for process monitoring and data acquisition in the oil, gas, chemical and power sectors, including green energy applications
- Contact your Mouser sales representative for additional finish options



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MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Finish	Price Each			
					1	5	10	25
523-RJFTVX2SA1N	RJFTVX2SA1N	B	Square Flange Receptacle Sealed	Nickel	178.78	168.15	165.05	149.76
523-RJFTVX6MN	RJFTVX6MN	B	Threaded Plug with Metal Gland	Nickel	148.92	143.88	136.64	123.54
523-RJFTVX7SA1N	RJFTVX7SA1N	B	USB Jamnut Receptacle Sealed	Nickel	206.16	199.97	191.23	170.28
523-USBFTVX6N	USBFTVX6N	B	Threaded Plug	Nickel	148.09	143.64	138.54	126.32
523-USBFTVX7SA2N03A	USBFTVX7SA2N03A	B	Jamnut Recept Sealed w/0.3m Cordset to USB-A	Nickel	268.76	246.36	227.41	202.49

## HIGH RELIABILITY CAT 5 AND CAT 5E ETHERNET CABLE AND CORDSETS

### Features:

- Halogen free flame retardant
- Excellent hydrolysis and microbial resistance
- UV resistant
- Custom lengths available. Please contact your sales representative

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each	
				1	5
523-RJFSFTP5E0076	RJFSFTP5E0076	C	30in. (0.762m) with RJ45 Plug Overmolded on Each End; Cat5e	63.08	57.70
523-RJFSFTP5E0305	RJFSFTP5E0305	C	120in. (3.05m) with RJ45 Plug Overmolded on Each End; Cat5e	79.88	73.93

## USB COMPOSITE CONNECTORS

- Sealing: IP67 (when mated)
- Receptacle with Self Closing Cap alone: IP54
- Mating cycles: 500
- Push/Pull mating
- Neoprene shells
- Data Transmission : USB Specification 2.0
- Data Rate: Up to 480Mb/s for High Speed USB
- Temperature Range: - 40°C to +85°C
- RoHS compliant



RoHS Compliant

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MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	5	10
523-USBAPSCC21	USBAPSCC21	D	Square Flange USB-A Recept Feed Thru w/Snapcap	25.70	23.36	21.03
523-USBAPSCC2205A	USBAPSCC2205A	E	Square Flange USB-A Recept 0.5m Cordset w/Snapcap	21.61	19.64	17.68
523-USBAPIP67CAP	USBAPIP67CAP	-	USB-A Receptacle Cap IP67	15.84	14.40	12.96
523-USBAP6100OPEN	USBAP6100OPEN	F	USB-A Plug 1.0m Cordset to Pigtail	10.10	9.18	8.27
523-USBAP6200OPEN	USBAP6200OPEN	F	USB-A Plug 2.0m Cordset to Pigtail	15.62	14.20	12.78
523-USBAP6050A	USBAP6050A	G	USB-A Plug 0.5m Cordset to USB-A	10.56	9.60	8.64
523-USBAP6200A	USBAP6200A	G	USB-A Plug 2.0m Cordset to USB-A	16.99	15.44	13.90

## USB B FIELD CONNECTION CABLE SYSTEM 2.0

### Features:

- USB-B male plug overmolded on USB 2.0 cable
- IP67, Sealed against fluids and dusts
- Plastic shells with threaded coupling

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	5	10
523-USBBF6100	USBBF6100	H	USB Type B with 1.0 Meter Cordset to USB A - Plug	20.12	19.45	19.04
523-USBBF6200	USBBF6200	H	USB Type B with 2.0 Meter Cordset to USB A - Plug	20.98	19.99	18.87
523-USBBF7	USBBF7	I	USB Type B Jam Nut with Cord to 5 pin connector - Receptacle	18.54	18.49	18.41
523-USBBFC7	USBBFC7	-	Cap for Jam Nut Receptacle with Metal Chain	5.21	5.01	4.83

## PROTECTIVE CAPS AND GASKETS FOR RJ AND USB RECEPTACLES

Automatic spring closing protects the RJ Field and the USB. Field receptacles against dust and water splash.



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MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	5	10
<b>Plug Caps</b>						
523-RJF21BSCC	RJF21BSCC	J	RJ45 Field Snap Cap, Plain Insert, Black	45.56	43.00	42.52
523-RJF21NSCC	RJF21NSCC	J	RJ45 Field Snap Cap, Metalized Insert, Nickel	57.22	55.12	44.90
523-USBF21BSCC	USBF21BSCC	K	USB Field Snap Cap, Plain Insert, Black	54.87	39.37	36.24
523-USBF21NSCC	USBF21NSCC	K	USB Field Snap Cap, Metalized Insert, Nickel	53.16	49.52	41.56

### Gaskets

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each		
				1	5	10
523-JE14	JE14	-	Gasket for Panel Mount Receptacle	1.02	.85	.77
523-JE15	JE15	-	Gasket for USB and IEEE 1694	2.96	1.99	1.45
523-JE18	JE18	-	Gasket for Panel Mount Receptacle	1.42	1.19	.92
523-JE19	JE19	-	Gasket for Panel Mount Receptacle	3.13	2.34	2.11