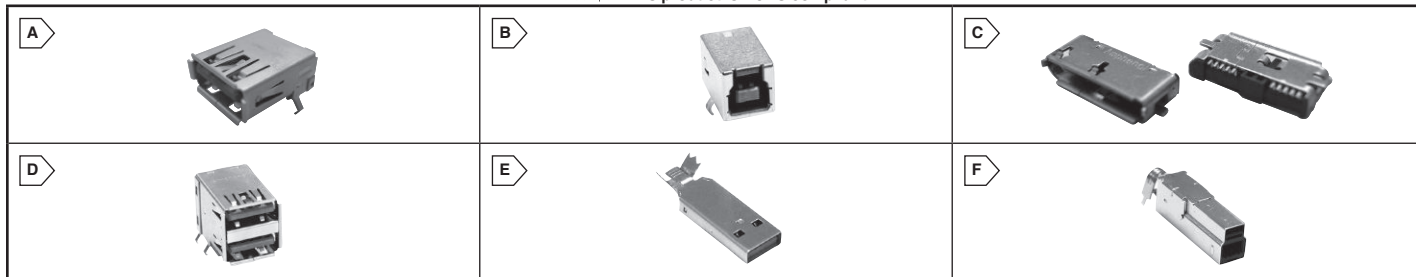


AMPHENOL High Speed I/O Connectors Amphenol®

This product is RoHS compliant.



USB 3.0

Type A and B Features:

- Fully compliant with USB 2.0 and 3.0 specifications
- Provides the interface for Super Speed up to 5Gbps data rate
- Backwards compatible with USB 2.0
- 5 metal friction lock grounding fingers and polarization plastic design ensure plug retention
- Full metal shielding for EMI/RFI/ESD protection
- High temperature plastic for SMT process and Halogen Free solution
- High Durability class: 5000 cycles min.

Micro B Features:

- Provides the interface for Super Speed up to 5 Gbps data rate
- Stable signal transmission
- Greater real estate space savings
- Reliable Co-planarity within a 0.08mm
- Durability: 10,000 Cycles min.
- High temperature plastic for SMT process and Halogen Free solution

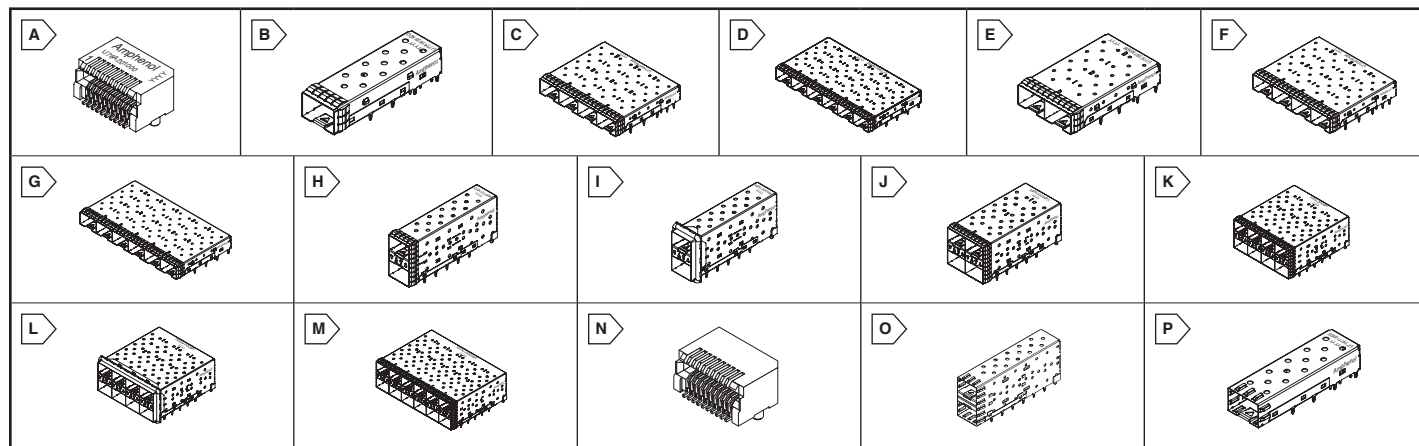
Applications:

- TV/LCD Monitor
- PC/Laptops
- Notebooks
- Printers
- DSC
- Portable Devices



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each				
				1	25	50	100	500
523-GSB311131HR	GSB311131HR	A	Type A, Right Angle Receptacle, Through Hole, Standard Type, Blue, 30µ" Gold	2.57	2.01	1.77	1.58	1.26
523-GSB321131WEU	GSB321131WEU	B	Type B, Right Angle, Receptacle, Through Hole, Standard Type, Blue, 30µ" Gold	2.69	2.35	2.09	1.88	1.57
523-GSB343133HR	GSB343133HR	C	Micro-B, Right Angle Receptacle, 0.65mm Pitch, SMT, Standard Type, Black, 30µ" Gold	2.54	1.96	1.85	1.65	1.36
523-GSB311231HR	GSB311231HR	D	Type A, Stacked, Right Angle, Plug, DIP Type, Blue, 30µ" Gold	2.90	2.33	2.00	1.80	1.50
523-GSB317131HR	GSB317131HR	E	Type A, Plug, Cable Type, Overmold, Blue, 30µ" Gold	2.07	1.68	1.44	1.28	1.02
523-GSB327133WEU	GSB327133WEU	F	Type B, Plug End, Black, 30µ" Gold	2.76	2.12	1.92	1.72	1.38



ExpressPort™ SFP+

These High Speed I/O interconnect systems provide a higher speed, inexpensive external I/O product. This design minimizes impedance discontinuities and reflections at high data rates, and provides a 10-20dB improvement in Near-End Crosstalk, allowing the use of longer copper cables, improved PCB mounting and resulting in an overall lower interconnect budget.

Applications:

- Routers
- Storage Applications
- Switches
- Media Converters

Features:

- Meets SFF-8432 and SFF-8433 standards
- 10+Gbps serial data transmission
- Compliant pin press-fit tails
- 250 mating cycles

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each			
				1	10	25	100
523-UE76A203000T	UE76A203000T	A	Connector 30 u" Gold Matte Tin Tails	1.37	1.24	1.23	1.01
523-U77A16392001	U77A16392001	B	1X1 Cage Press Fit Metal Spring Fingers	2.76	2.48	2.46	2.15
523-U77A461M2081	U77A461M2081	C	1X4 Cage Metal Spring Fingers	13.30	11.43	10.00	9.18
523-U77A441M2081	U77A441M2081	C	1X4 Cage Elastomeric Gasket	14.67	11.82	11.39	10.13
523-U77A661M2081	U77A661M2081	D	1X6 Cage Metal Spring Fingers	15.42	14.51	13.15	12.68
523-U77C16133001	U77C16133001	-	1X1 Cage 3.2MM Solder tail, Metal Spring Fingers w/Light Pipe	2.30	2.04	1.84	1.67
523-U77C261M2081	U77C261M2081	E	1X2 Cage Metal Spring Fingers w/Light Pipes	11.18	9.68	8.60	7.54
523-U77C461M2081	U77C461M2081	F	1X4 Cage Metal Spring Fingers w/Light Pipes	14.50	14.00	13.50	12.50
523-U77C661M2081	U77C661M2081	G	1X6 Cage Metal Spring Fingers w/Light Pipes	22.09	21.34	19.87	19.13
523-U77C641M2081	U77C641M2081	G	1X6 Cage Elastomeric Gasket w/Light Pipes	26.87	25.97	24.18	23.27
523-U86D162710121	U86D162710121	H	2x1 Combo Metal Spring Fingers 2 Light Pipes Per Port	12.30	11.89	10.45	10.25
523-U86D142710121	U86D142710121	I	1X2 Combo Elastomeric Gasket 2 Light Pipes Per Port	17.22	16.65	15.50	14.91
523-U86D262710121	U86D262710121	J	2x2 Combo Metal Spring Fingers 2 Light Pipes Per Port	23.55	22.77	21.19	20.39
523-U86D462710121	U86D462710121	K	2x4 Combo Metal Spring Fingers 2 Light Pipes Per Port	44.09	42.54	42.53	39.38
523-U86D442710121	U86D442710121	L	2x4 Combo Elastomeric Gasket 2 Light Pipes Per Port	57.46	55.56	53.89	53.23
523-U86D662710121	U86D662710121	M	2x6 Combo Metal Spring Fingers 2 Light Pipes Per Port	61.59	59.41	59.40	55.03
Accessory							
523-U7711408020P	U7711408020P	-	Dust Cover - One Port	1.07	.90	.775	.749

SMALL FORM FACTOR PLUGGABLE (SFP)

Amphenol's SFP series is a 20 position connector and cage combo for mounting to a host PCB with a metal cage enclosing the connector. The connectors are similar to GBIC, but are smaller in size and operate at much faster data transfer rates. Single port version is rated up to 4.125 Gbps data rates and stacked versions are rated up to 8Gbps. The cages are a one-piece construction with enhanced transceiver mating tabs available in press-fit version.

Applications:

- Servers
- Storage Devices
- Routers
- Switches
- Optical Devices
- Network Devices

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Amphenol Part No.	Fig.	Description	Price Each			
				.1	.25	100	500
523-UE75-A20-3000T	UE75-A20-3000T	N	1x4 20 Position Press Fit Right Angle SMD	7.50	.60	.555	.512
523-U78-B1126-00121	U78-B1126-00121	O	2x1 20 Position Connector-Cage Combo	9.50	6.61	5.69	4.81
523-U77-A1118-200T	U77-A1118-200T	P	1x1 Single Cage Press Fit 12 EMI Pins	1.17	.991	.792	.744
523-U77-A4114-2001	U77-A4114-2001	-	1x1 Press Fit Cage for SMD Connector	4.69	3.16	2.90	2.61
Accessory							
523-U77-A1110-8000P	U77-A1110-8000P	-	Non-Metalized Dust Cover - 1 Port	.07	.052	.051	.047