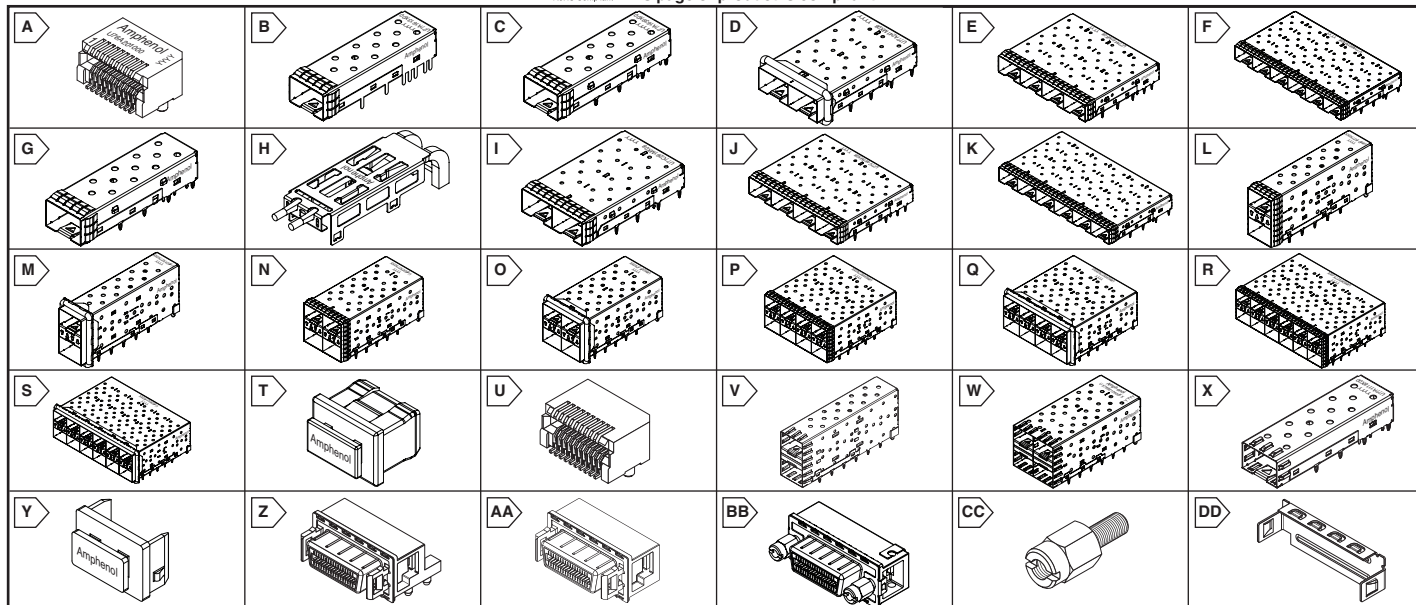


# AMPHENOL High Speed I/O Connectors Amphenol®

RoHS Compliant This page of product is compliant.



## ExpressPort™ SFP+

These High speed I/O interconnect systems provide a higher speed, inexpensive External I/O product, primarily for the networking, telecom storage systems markets. This new 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. The demand for higher data rates, improved electrical performance and suppression of EMI generated by higher frequencies are driving the development and availability of SFP+ products with more features and configurations for use in both Telecom and Datacom applications using 10Gb Ethernet and 8Gb Fibre.

### 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 of 500 and up, 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	2.32	1.96	1.80	1.65
523-U77A16131001	U77A16131001	B	1x1 Cage 3.2MM Solder Tail Metal Spring Fingers	3.34	2.88	2.42	2.36
523-U77A16392001	U77A16392001	C	1X1 Cage Press Fit Metal Spring Fingers	3.34	2.88	2.42	2.36
523-U77A261M2081	U77A261M2081	D	1X2 Cage Metal Spring Fingers	7.11	5.47	5.07	4.68
523-U77A241M2081	U77A241M2081	D	1X2 Cage Elastomeric Gasket	8.51	6.55	6.18	5.98
523-U77A461M2081	U77A461M2081	E	1X4 Cage Metal Spring Fingers	13.30	10.60	9.52	8.84
523-U77A441M2081	U77A441M2081	E	1X4 Cage Elastomeric Gasket	14.65	11.80	11.38	10.50
523-U77A661M2081	U77A661M2081	F	1X6 Cage Metal Spring Fingers	19.01	14.95	13.95	12.96
523-U77C16133001	U77C16133001	G	1X1 Cage 3.2MM Solder tail, Metal Spring Fingers w/Light Pipe	8.36	7.52	6.84	6.27
523-U77C16192001	U77C16192001	H	1X1 Cage Press Fit Metal Spring Fingers w/Light Pipe	9.49	8.54	7.76	7.12
523-U77C261M2081	U77C261M2081	I	1X2 Cage Metal Spring Fingers w/Light Pipes	12.01	9.68	8.60	7.98
523-U77C241M2081	U77C241M2081	I	1X2 Cage Elastomeric Gasket w/Light Pipes	19.54	18.18	16.53	15.15
523-U77C461M2081	U77C461M2081	J	1X4 Cage Metal Spring Fingers w/Light Pipes	19.60	18.19	16.67	15.39
523-U77C441M2081	U77C441M2081	J	1X4 Cage Elastomeric Gasket w/Light Pipes	23.25	19.79	18.26	16.96
523-U77C661M2081	U77C661M2081	K	1X6 Cage Metal Spring Fingers w/Light Pipes	28.85	24.00	22.65	21.03
523-U77C641M2081	U77C641M2081	K	1X6 Cage Elastomeric Gasket w/Light Pipes	34.90	29.85	27.56	25.59
523-U86D162710121	U86D162710121	L	2x1 Combo Metal Spring Fingers 2 Light Pipes Per Port	17.60	16.40	14.91	13.67
523-U86D142710121	U86D142710121	M	2x1 Combo Elastomeric Gasket 2 Light Pipes Per Port	22.50	21.97	20.88	18.48
523-U86D262710121	U86D262710121	N	2x2 Combo Metal Spring Fingers 2 Light Pipes Per Port	30.77	30.40	28.25	25.25
523-U86D242710121	U86D242710121	O	2x2 Combo Elastomeric Gasket 2 Light Pipes Per Port	43.49	40.35	36.99	34.14
523-U86D462710121	U86D462710121	P	2x4 Combo Metal Spring Fingers 2 Light Pipes Per Port	56.69	52.50	48.46	45.00
523-U86D442710121	U86D442710121	Q	2x4 Combo Elastomeric Gasket 2 Light Pipes Per Port	76.60	73.39	70.94	65.48
523-U86D662710121	U86D662710121	R	2x6 Combo Metal Spring Fingers 2 Light Pipes Per Port	79.15	76.60	73.00	67.69
523-U86D642710121	U86D642710121	S	2x6 Combo Elastomeric Gasket 2 Light Pipes Per Port	112.91	107.02	100.35	90.17
<b>Accessory</b>							
523-U7711408020P	U7711408020P	T	Dust Cover - One Port	1.23	.92	.85	.80

## 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

523-UE75-A20-3000T	UE75-A20-3000T	U	1x4 20 Position Press Fit Right Angle SMD	1.48	1.18	.98	.94
523-U78-B1126-00121	U78-B1126-00121	V	2x1 20 Position Connector-Cage Combo	8.48	5.90	5.65	5.22
523-U78-B4126-00121	U78-B4126-00121	W	2x4 20 Position Connector-Cage Stacked Combo	20.96	19.96	17.93	16.70
523-U77-A1118-200T	U77-A1118-200T	X	1x1 Single Cage Press Fit 12 EMI Pins	1.75	1.36	1.20	1.11
523-U77-A4114-200T	U77-A4114-200T	-	1x4 Press Fit Cage for SMD Connector	4.28	3.30	2.85	2.71
<b>Accessory</b>				1	50	100	500
523-U77-A1110-8000P	U77-A1110-8000P	Y	Non-Metalized Dust Cover - 1 Port	.08	.07	.06	.05

## INFINITY INFINIBAND™

Amphenol's INFINITY (4X/12X) series of connectors facilitate data speeds up to 75 Gbps total bandwidth, as required by InfiniBand™. Attached Fibre Channel and Serial SCSI Trade Associations, with superior EMI performance. INFINITY connectors are high-density, hot pluggable and meet SFF-8470 specifications. A variety of receptacles are available that will fit multiple connectors into a 1U form factor and PCI bracket.

### Applications:

- Datacom devices
- High speed routers and switches
- Storage devices
- SANs
- Servers
- HCAAs
- RAID
- XAUI

523-U65-E04-4260T	U65-E04-4260T	Z	Lanyard, R/A PCB 4 post 4x Receptacle Thickness 505 in.	7.17	6.62	6.14	5.73
523-U65-F04-4360T	U65-F04-4360T	AA	Belly to Belly PCB (2 posts/2 screw holes) 4x Receptacle	7.66	7.43	7.03	6.44
523-UE66-L04-2120	UE66-L04-2120	BB	Screwlock 4X Cable Mount Plug Thickness 305 in.	14.35	12.02	11.04	10.89
<b>Accessories</b>							
523-U65-404-40-P	U65-404-40-P	CC	Jack/Thumb Screw	.33	.21	.19	.16
523-U65-404-60P	U65-404-60P	DD	4x Rear Receptacle Cover (optional)	.23	.19	.17	.165