

## ExpressPort<sup>®</sup> SFP+

## **Product Description**

The ExpressPort<sup>®</sup> SFP+ interconnect system provides data transfer speeds of up to 16 Gbps. The design of the ExpressPort<sup>®</sup> SFP+ connector minimizes impedance discontinuities and reflections at high data rates and provides a 10 to 20 dB improvement in Near-End Crosstalk. The ExpressPort<sup>®</sup> SFP+ unique cage construction features EMI shielding available in the form of metal spring fingers or elastomeric gaskets. Additional features available include light pipes, heat sinks and many other custom features.

Applications		SFF Supported Standards	
Storage	Switches	Connector SFF-8071	
Network Interface	Hubs and Servers	Cage SFF-8432	
Test and Measurement Equipment	Cellular Infrastructure	Ganged SFF-8433	

<b>Product Specifications - ExpressPor</b>	t® SFP+		
C	CONNECTOR		CAGE
	Materials Specifications		
Housing	Black or nature color, Glass-reinforced, lead-free solder reflow process compatible thermoplastic	PCB Thickness	
<b>Contacts Base Material</b>	Phosphor Bronze	Single Side Mount	1.57 mm (0.062 in.)
Contact Normal Force	100 grams	"Belly to Belly"	3.00 mm (0.118 in.)
Plating Solder Tails	Matte tin or gold flash options		
Plating Mating Area	Gold		
<b>Resonance Dampening Feature</b>	Conductive Polymer		
<b>Operating &amp; Storage Temperature</b>	-55° to +85°C		
	Electrical Specifications		
Operating Voltage	30 V DC per contact		
Operating Current	0.5 A per contact		
Differential Impedance	100 Ω +/-10 Ω		
	Mechanical Specifications		
Mating Force	50 N max.	Unmating Force	11.50 N max.
Durability	250 mating cycles	Insertion Force to PCB	1000 N for 2 port 2100 N for 4 port 3000 N for 6 port
Card Entry Slot	1.0mm-thick integrated circuit cards		
	Options		
Packaging	Tape and Reel	Packaging	Tray, Tape and Reel Available for Single Port
EMI Options, Heat Sink and Clip	Available		
Configurations	1xN (N = 1,2,3,4,5,6,8) 2xN (N = 1,2,3,4,5,6,8)		
	Environmental Specifications		
RoHS	Yes		
Halogen Free	Yes		
Flammability Rating	UL 94V-0		





## Ordering Information

ExpressPort <sup>®</sup> SFP+ Connector	UE76 A 20	ΧΟΧΟΤ	
UE76 SERIES DESIGNATION		PACKAGING	Т
A STYLE		T - Tape & Reel (500/Reel)	
A - R/A Single Surface Mount Connector		OPTION 3	0
20 NUMBER OF POSITIONS		0 - Standard	
20 - 20 Positions		OPTION 2	X
X CONTACT PLATING		0 - Standard	
$\textbf{2}$ - 30 $\mu^{\prime\prime}$ (0.76 $\mu m)$ Gold Plating on Mating Area; Gold Flash on Termination		1 - Resonance Cancellation Features	
<b>3</b> - 30 μ" (0.76 μm) Gold Plating on Mating Area; Matte Tin on Termination		OPTION 1	0
<ul> <li>5 - 15 μ" (0.38 μm) Gold Plating on Mating Area; Gold Flash on Termination</li> <li>6 - 15 μ" (0.38 μm) Gold Plating on Mating Area; Matte Tin on Termination</li> </ul>		0 - Standard	
ExproseDert® SED   Cago	U77 X X X X	x	
ExpressPort® SFP+ Cage		PACKAGING	X
		1 - Tray (ACC Re-Packed)	
X STYLE A - 1 Row		T - Tape & Reel (1X1 Only)	
C - 1 Row Cage; Light Pipe Combo (Top)		OPTION 1	х
E - 1 Row Cage; Heat Sink Combo (Fin)		0 - Standard	
F - 1 Row Cage; 1° Angle (1X1 Only)		7 - Cage with Extra Bottom Spring Fingers, No Bottom Mid G-Pins	
X NUMBER OF PORTS IN ROW		8 - Cage with Half-Moon Mid G-Pins	
1 - Single in Row		9 - Cage with Extra Bottom Spring Fingers & Half Moon Mid G-Pins	
2 - Inline 1X2		DUST COVER	X
3 - Inline 1X3		0 - Without Dust Cover	
4 - Inline 1X4 5 - Inline 1X5		D - With Dust Cover (Shipped Loose)	
6 - Inline 1X6		PLATING	X
8 - Inline 1X8		1 - Bright Tin (for Wave Solder) 2 - Nickel	
X CHASSIS GROUNDING		3 - Matte Tin (for Reflow 245°)	
3 - Metal Spring Fingers (No Bottom Latch Cover)			
<ul><li>3 - Metal Spring Fingers (No Bottom Latch Cover)</li><li>4 - Elastomeric Gasket</li></ul>			
<ul> <li>4 - Elastomeric Gasket</li> <li>6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)</li> </ul>			
<ul> <li>4 - Elastomeric Gasket</li> <li>6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)</li> <li>7 - Metal Spring Fingers with Insulating Tape</li> </ul>			
4 - Elastomeric Gasket     6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)     7 - Metal Spring Fingers with Insulating Tape     X     HEAT SINK / LIGHT PIPE			
<ul> <li>4 - Elastomeric Gasket</li> <li>6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)</li> <li>7 - Metal Spring Fingers with Insulating Tape</li> <li>X HEAT SINK / LIGHT PIPE</li> <li>1 - No Heat Sink / Light Pipe</li> </ul>			
4 - Elastomeric Gasket     6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)     7 - Metal Spring Fingers with Insulating Tape     X HEAT SINK / LIGHT PIPE     1 - No Heat Sink / Light Pipe     2 - Heat Sink			
<ul> <li>4 - Elastomeric Gasket</li> <li>6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)</li> <li>7 - Metal Spring Fingers with Insulating Tape</li> <li>X HEAT SINK / LIGHT PIPE</li> <li>1 - No Heat Sink / Light Pipe</li> <li>2 - Heat Sink</li> <li>3 - Light Pipe (1XN Cage Only)</li> </ul>			
4 - Elastomeric Gasket     6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)     7 - Metal Spring Fingers with Insulating Tape     X HEAT SINK / LIGHT PIPE     1 - No Heat Sink / Light Pipe     2 - Heat Sink			
4 - Elastomeric Gasket     6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)     7 - Metal Spring Fingers with Insulating Tape     X HEAT SINK / LIGHT PIPE     1 - No Heat Sink / Light Pipe     2 - Heat Sink     3 - Light Pipe (1XN Cage Only)     X PCB MOUNTING     X - Various Options Available - Consult Factory	UE86 X X X X	X X X X 1	
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory	UE86 X X X X	X X X 1 PACKAGING	
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory	UE86 X X X X		1
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86	UE86 X X X X	PACKAGING	1
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86         SERIES DESIGNATION         X	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin	1 X
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86         SERIES DESIGNATION         X         STYLE         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel	1 X
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink / Light Pipe (1XN Cage Only)         X       PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UEB6       SERIES DESIGNATION         X STYLE       B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings       K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings       L - 2XN, Large Light Pipe Openings	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin	
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink / Light Pipe         2 - Heat Sink / Light Pipe (1XN Cage Only)         X       PCB MOUNTING X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86       SERIES DESIGNATION         X       STYLE B - 2XN, No Light Pipe D - 2XN, Small Light Pipe Openings K - 2XN, Large Light Pipe Openings L - 2XN, Large Light Pipe Openings L - 2XN, Large Light Pipe Openings L - 2XN, Thermally Enhanced	UE86 X X X	PACKAGING 1-Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR	1 X
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86         SERIES DESIGNATION         X         STYLE         B - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         L - 2XN, Low Profile Combo (No Light Pipe)         S - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW	UE86 X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory	
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86         SERIES DESIGNATION         X         STYLE         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         L - 2XN, Large Light Pipe Openings         L - 2XN, Low Profile Combo (No Light Pipe)         S - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1	UE86 X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER	
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink / Light Pipe         3 - Light Pipe (1XN Cage Only)         X       PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86       SERIES DESIGNATION         X       STYLE         B - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         L - 2XN, Low Profile Combo (No Light Pipe)         S - 2XN, Thermally Enhanced         X       NUMBER OF PORTS IN ROW	UE86 X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover	
4 - Elastomeric Gasket         6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         HEAT SINK / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UEBS         SERIES DESIGNATION         X         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         L - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - 2X2	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover D - With Dust Cover (Shipped Loose)	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink / Light Pipe         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort* SFP+ 2XN (Cage/Connector)         UE86         SERIES DESIGNATION         X         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         L - 2XN, Law Profile Combo (No Light Pipe)         S - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - XX2         3 - 2X3         4 - 2X4         S - 2X5	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION	
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE80         SERIES DESIGNATION         X         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         L - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - 2X2         3 - 2X3         4 - 2X4         5 - 2X5         6 - 2X6	UE86 X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         HEAT SINK / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86         SERIES DESIGNATION         X         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         L - 2XN, Intermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - X22         3 - 2X3         4 - 2X4         S - 2X5         6 - 2X6         8 - 2X8	UE86 X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         Heat Sink / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         x - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UEBS         SERIES DESIGNATION         X         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - XXN, Large Light Pipe Openings         L - 2XN, Large Light Pipe Openings         L - 2XN         S - 2XS         S - 2XS <t< td=""><td>UE86 X X X X</td><td>PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1</td><td>×</td></t<>	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UEB6         SERIES DESIGNATION         X         STYLE         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - 2X2         3 - 2X3         4 - 2X4         5 - 2X6         8 - 2X8         X	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UEB6         SERIES DESIGNATION         X         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Low Profile Combo (No Light Pipe)         S - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - 2X2         3 - 2X8         X         CHASSIS GROUNDING         4 - Elastomeric Gasket         5 - Elastomeric Gasket, Bottom Insulating Tape	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (1 Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UEB6         SERIES DESIGNATION         X         STYLE         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - 2X2         3 - 2X3         4 - 2X4         5 - 2X6         8 - 2X8         X	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         2 Heat Sink / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86         SERIES DESIGNATION         X STYLE         B - 2XN, No Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Small Light Pipe Openings         K - 2XN, Iarge Light Pipe Openings         K - 2XN, Small Light Pipe Openings         K - 2XN, Iarge Light Pipe Openings         K - 2XN, Small Light Pipe Openings         K - 2XN, Samall Light Pipe Openings         K - 2XN, Samall Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Samall Light Pipe Openings         K - 2XN, Samall Light Pipe Openings         K - 2XN, Samall Light Pipe Openings         K - 2XN, Large L	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X         HEAT SINK / Light Pipe         2 - Heat Sink / Light Pipe         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE26         SERIES DESIGNATION         X         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         L - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - X23         3 - 2X3         4 - 2X4         5 - 2X8         CHASSIS GROUNDING         4 - Elastomeric Gasket         5 - Elastomeric Gasket, Bottom Insulating Tape         6 - Metal Spring Fingers	UE86 X X X X	PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         2 HEAT SINK / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (IXN Cage Only)         X PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE86         SERIES DESIGNATION         X STYLE         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         L - 2XN, Isonal Light Pipe Openings         L - 2XN, Small Light Pipe Openings         L - 2XN, Isonal Light Pipe Openings         L - 2XN, Small Light Pipe Openings         L - 2XN - 2XN		PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (TXN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UEBS         SERIES DESIGNATION         X         STYLE         B - 2XN, No Light Pipe         D - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Large Light Pipe Openings         K - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - 2X2         3 - 2X3         4 - 2X4         5 - 2X6         8 - 2X8         X         CHASSIS GROUNDING         4 - Elastomeric Gasket         5 - Elastomeric Gasket </td <td></td> <td>PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1</td> <td>×</td>		PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         X       HEAT SINK / LIGHT PIPE         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (1XN Cage Only)         X         PCB MOUNTING         X - Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE66         SERIES DESIGNATION         X         STYLE         B - 2XN, Small Light Pipe Openings         K - 2XN, Large Light Pipe Openings         L - 2XN, Low Profile Combo (No Light Pipe)         5 - 2XN, Low Profile Combo (No Light Pipe)         5 - 2XN, Thermally Enhanced         X         NUMBER OF PORTS IN ROW         1 - 2X1         2 - 2X2         3 - 2X3         4 - 2X4         5 - 2X6         8 - 2X8         X         CHASSIS GROUNDING         4 - Elastomeric Gasket         5 - Elastomeric Gasket         5 - Elastomeric Gasket         5 - Elastomeric Gasket, Bottom Insulating Tape         X       MOUNTING TYPE: CONNECTOR         2 - Standar		PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×
<ul> <li>4 - Elastomeric Gasket</li> <li>6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)</li> <li>7 - Metal Spring Fingers with Insulating Tape</li> <li>X</li> <li>HEAT SINK / LIGHT PIPE</li> <li>1 - No Heat Sink / Light Pipe</li> <li>2 - Various Options Available - Consult Factory</li> </ul> ExpressPort* SFP+ 2XN (Cage/Connector) UEss ERIES DESIGNATION X STYLE B - 2XN, Small Light Pipe Openings K - 2XN, Large Light Pipe Openings K - 2XN, Large Light Pipe Openings K - 2XN, Low Profile Combo (No Light Pipe) S - 2XN, Thermally Enhanced X NUMBER OF PORTS IN ROW 1 - 2X1 2 - 2X3 4 - 2X4 S - 2X3 4 - 2X4 S - 2X8 X CHASSIS GROUNDING 4 - Elastomeric Gasket 5 - Elastomeric Gasket, Bottom Insulating Tape 6 - Metal Spring Fingers 7 - EMI Fingers, Bottom Insulating Tape X MOUNTING TYPE: CONNECTOR 2 - Standard Press-Fit Pins (12Gbps) S - Small Press-Fit Pins for High Speed Termination (16Gbps) A - Press-Fit Pins (10Gbps)		PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×
4 - Elastomeric Gasket         6 - Metal Spring Fingers (I Piece Design Bottom Latch Cover)         7 - Metal Spring Fingers with Insulating Tape         2 Heat Sink / Light Pipe         1 - No Heat Sink / Light Pipe         2 - Heat Sink         3 - Light Pipe (I XN Cage Only)         X Various Options Available - Consult Factory         ExpressPort® SFP+ 2XN (Cage/Connector)         UE05         SERIES DESIGNATION         X STYLE         B - 2XN, No Light Pipe Openings         K - XXN, Small Light Pipe Openings         K - XXN, Large Light Pipe Openings         K - XXN, Small Light Pipe Openings         L - 2XN, No Light Pipe Openings         L - 2XN, Isou Light Pipe Openings         K - XXN, Isou Light Pipe Openings         L - 2XN, Large Light Pipe Openings         L - 2XN, Isou Light Pipe Openings         L - 2XN, Isou Light Pipe Openings         L - 2XN, Isou Light Pipe Openings         L - 2XN, Large Light Pipe Openings         L - 2XN, Isou Light Pipe Openings         L - 2XN, Isou Light Pipe Openings         L - 2XN, Large Light Pipe Openings         L - 2XN, Isou Light Pipe Openings         L - 2XN, Sand Light Pipe Openings         L - 2XN, Sand Light Pipe Openings         L - 2XN		PACKAGING 1 - Tray PLATING OPTION: CAGE 1 - Bright Tin 2 - Nickel 3 - Matte Tin PLATING OPTION: CONNECTOR X - Various Options Available - Consult Factory DUST COVER 0 - Without Dust Cover D - With Dust Cover (Shipped Loose) LIGHT PIPE OPTION 0 - No Light Pipe 1 - 4 Light Pipes/2X1 2 - 2 Inner Light Pipes/2X1	×

## Amphenol<sup>®</sup>

Order Information:

**P:** 416.291.4401 | **F:** 416.292.0647 | **E:** cages@amphenol-highspeed.com For more information consult factory or visit <u>amphenol-highspeed.com</u>

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