

ECUE-12-013-T1-FF-01-1

ECUE-12-013-T1-FF-02-1

ECUE SERIES

# LOW-PROFILE MICRO FLYOVER ASSEMBLY

## SPECIFICATIONS

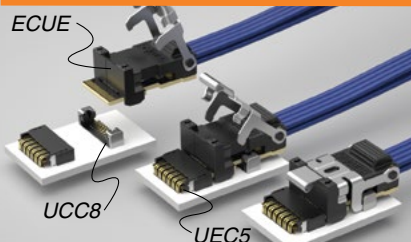
**Cable:**  
Eye Speed® 34 AWG twinax or  
Eye Speed® 36 AWG twinax  
**Signal Routing:**  
100  $\Omega$  Differential  
**Bend Radius:**  
(3.18 mm) .125"  
**RoHS Compliant:**  
Yes

## RECOGNITIONS



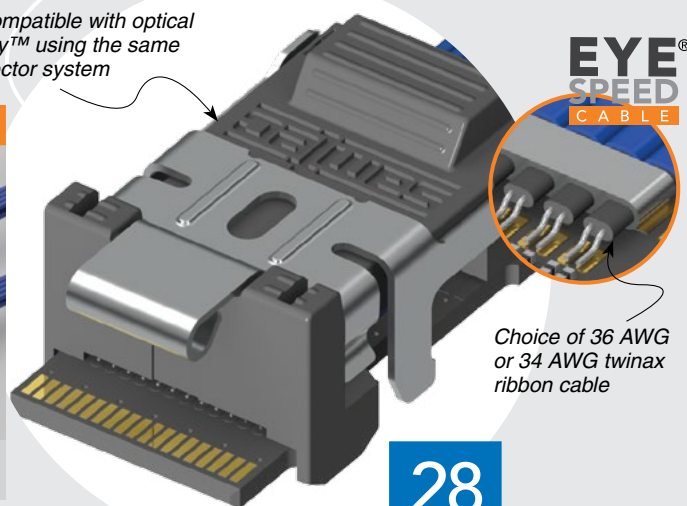
**Mates with:**  
UEC5, UCC8

## APPLICATION



The UEC5 and UCC8 connectors were designed to work specifically with the FireFly™ flyover system. They were not designed for use with mating cards other than those used with FireFly™.

Pin compatible with optical  
FireFly™ using the same  
connector system



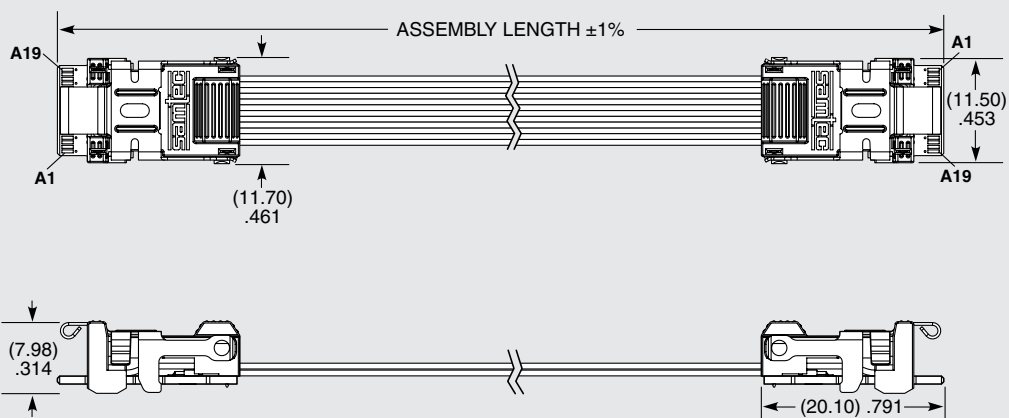
Choice of 36 AWG  
or 34 AWG twinax  
ribbon cable

28  
Gbps

## ALSO AVAILABLE (MOV Required)

- A selection of connectors for end 2 option

TYPE	NO. OF PAIRS	ASSEMBLY LENGTH	CABLE TYPE	END 2 OPTION	WIRING OPTION	1	OPTION
<b>ECUE</b> = Rugged FireFly™ Cable Assembly	<b>-08</b> = (T2 Cable only) <b>-12</b> = (T1 Cable only)	<b>-“XXX”</b> = Assembly Length in Centimeters (007 cm to 999 cm)	<b>-T1</b> = 36 AWG twinax (-12 pairs only) <b>-T2</b> = 34 AWG twinax (-08 pairs only)	<b>-FF</b> = FireFly™ (Mates with UEC5/UCC8)	<b>-01</b> = Pin A1 to Pin A19 <b>-02</b> = Pin A1 to Pin B1 <b>-B4</b> = Pin A1 to Pin B19 (-08 pair only)	<b>-1</b> = Low Profile	Leave blank for standard FireFly™ <b>-D1</b> = Decoupling Capacitors (only available with -02 & -B4 wire options)



ECUE-12-XXX-T1-FF-01-1 SHOWN

**Notes:**  
Patents pending

All FireFly™ designs, specifications and components are preliminary and subject to change without notice.

Cable lengths longer than 150 cm (59.06") are not supported with S.I. test data.

Due to technical progress, all designs, specifications and components are subject to change without notice.

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All parts within this catalog are built to Samtec's specifications.  
Customer specific requirements must be approved by Samtec and identified in a Samtec customer-specific drawing to apply.