

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

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

ECUE SERIES

# LOW-PROFILE MICRO FLYOVER ASSEMBLY

## SPECIFICATIONS

For complete specifications see [www.samtec.com?ECUE](http://www.samtec.com?ECUE)

**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

For complete scope of recognitions see [www.samtec.com/quality](http://www.samtec.com/quality)



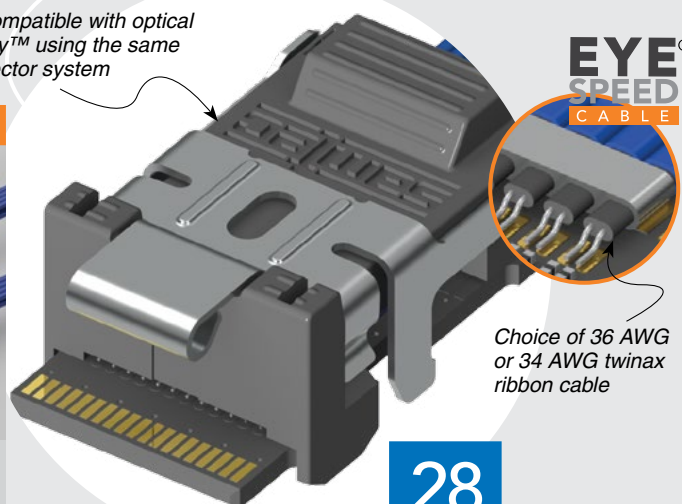
**Mates with:**  
UEC5, UCC8

## 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™. For other edge card options, please see [samtec.com/edgecard](http://samtec.com/edgecard) or contact [CustomerEngineeringSupport@samtec.com](mailto:CustomerEngineeringSupport@samtec.com).

Pin compatible with optical FireFly™ using the same connector system



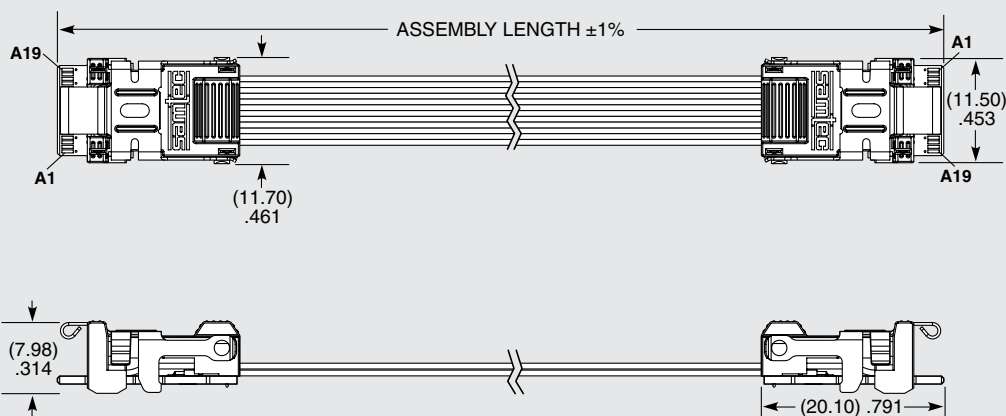
Choice of 36 AWG or 34 AWG twinax ribbon cable

28  
Gbps

## ALSO AVAILABLE (MOV Required)

- A selection of connectors for end 2 option
- Contact Samtec.

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

[WWW.SAMTEC.COM](http://WWW.SAMTEC.COM)

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