FIREFLY™

28 Gbps

OPTICAL MICRO FLYOVER SYSTEM™

ECUO	–	WIDTH	–	DATA RATE	–	CABLE LENGTH	–	0	–	HEAT SINK	–	1	–	FIBER TYPE	–	END 2 OPTIONS

WIDTH	DATA RATE	CABLE LENGTH	HEAT SINK	FIBER TYPE	END 2 OPTIONS
–B04 = 4 Tx + 4 Rx	**–14** = 14 Gbps per lane	**–"XXX"** = Overall Length in Centimeters	**–1** = Flat	**–4** = Aqua loose tube with Boot	(Leave blank for -U12) -Y12 requires -2X end option
–T12 = 12 Tx	**–16** = 16.1 Gbps per lane (N/A –B04)		**–2** = Pin-fin (–14 & –16 only)	**–5** = Jacketed ribbon with boot	**12 Fibers** –01 = MTP® Male –02 = MTP® Female –07 = MXC® Internal Plug –0E = MPO Plus®, Male, bayonet
–R12 = 12 Rx	**–25** = 25.7 Gbps per lane		**–3** = Flat with groove	**–6** = Jacketed ribbon	
–Y12 = 12 Tx + 12 Rx	**–28** = 28.1 Gbps per lane (–B04 only)		**–4** = PCIe® Pin-fin (–14 & –16 only)	**–7** = Black loose tube with boot	**24 Fibers** –21 = MTP® Male –22 = MTP® Female –27 = MXC® Internal Plug –2E = MPO Plus®, Male, bayonet
–U12 = 12 Channel AOC (Unidirectional)			**–5** = 1.75 cm tall Pin-fin (–B04 only)	**–8** = Black loose tube	

ECUO
Mates with:
UEC5, UCC8, OPA
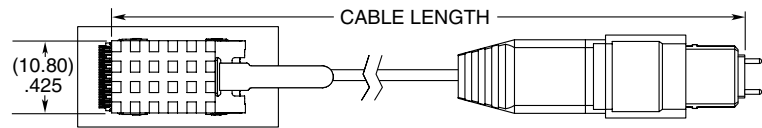
FEATURES

- Supports data center and HPC protocols, including: Ethernet, InfiniBand™, Fibre Channel
- Customizable optical connectors
- Integrated coupling capacitors
- Standard temperature range 0 °C to +70 °C
- Evaluation & Development boards available

Class 1 LASER PRODUCT
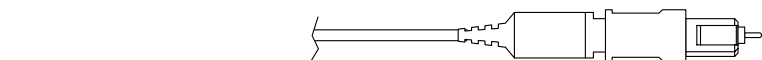per IEC 60825-1 Ed. 3 (2014)
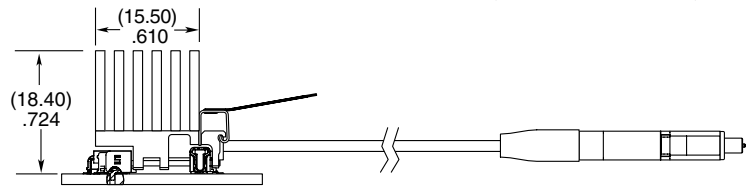
TOOLING

Insertion Tool: CAT-IN-ECUO-02

Notes:
MTP® is a registered trademark of US Conec Ltd.

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

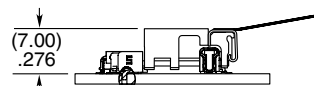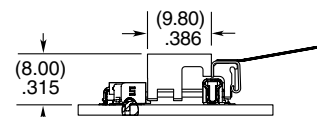Some lengths, styles and options are non-standard, non-returnable.

(10.80) .425 — CABLE LENGTH

–01 (MTP® MALE SHOWN)

(15.50) .610

(18.40) .724

–2 PIN-FIN HEAT SINK

–07 (MXC® INTERNAL PLUG SHOWN)

(7.00) .276

–1 FLAT HEAT SINK

(8.00) .315 — (9.80) .386

–3 FLAT WITH GROOVE HEAT SINK (MULTI-ROW CONFIGURATION)

View complete specifications at: **samtec.com?ECUO**

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Samtec](#):
  [ECUO-Y12-14-040-0-1-1-2-21](#) [ECUO-B04-14-020-0-2-1-2-01](#)