

ETUO-Y12-10-050-0-3-1-1-21

ETUO SERIES

EXTENDED TEMP OPTICAL MICRO FLYOVER™

FEATURES

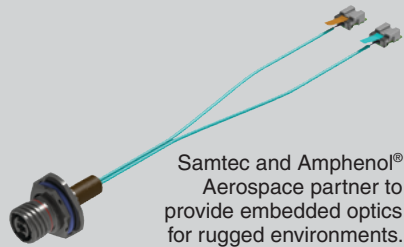
- Extended temperature range from -40 °C to +85 °C versus standard 0 °C to +70 °C (ECUO Series)
- High-speed performance to 10.3125 Gbps per channel
- x12 simplex, x12 duplex or x4 duplex optical transceiver system
- Demonstrated error-free transmission during applied external vibrations and shock test, to methods specified in MIL-STD-810G
- Integral heat sink provides optimal cooling for thermal operating conditions
- MT & MTP® standard end options (Other options available: MT38999, MTP®, MXC® ARINC 801 and ARIB)
- Micro rugged board level connector system with positive latching, weld tabs and loading guides for secure connection
- Cost-effective OM3 multi-mode fiber
- An angled fiber exit from the housing to minimize keep-out zone on the board

Mates with:
UEC5, UCC8, OPA

INSERTION TOOL

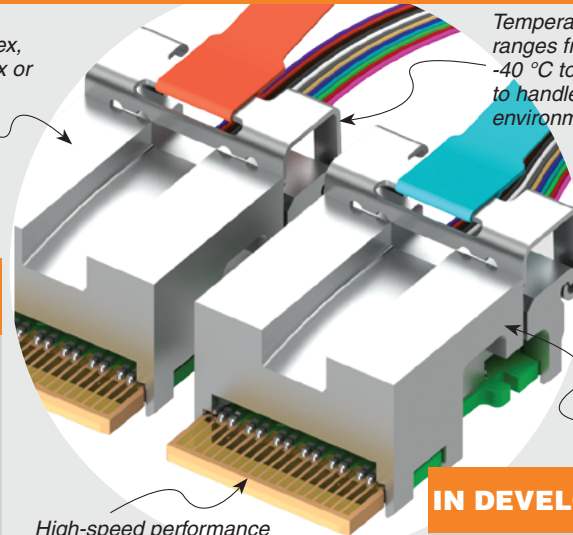
- CAT-IN-ECUO-02

APPLICATION SPECIFIC OPTION



x12 Simplex,
x12 Duplex or
x4 Duplex

Temperature ranges from
-40 °C to +85 °C
to handle harsh environments



High-speed performance
to 10.3125 Gbps per channel

IN DEVELOPMENT

- Other fiber types
Contact firefly@samtec.com

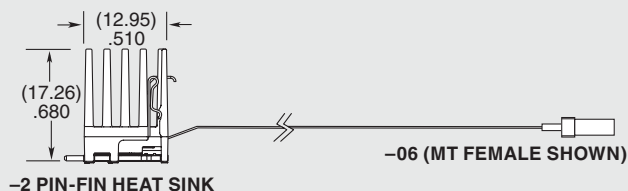
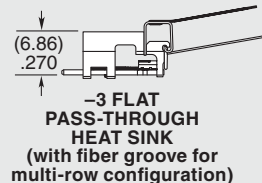
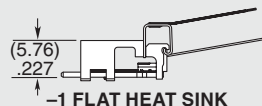
ETUO	TYPE	DATA RATE	CABLE LENGTH	HEAT SINK	FIBER TYPE	END OPTION
-T12 = x12 Tx Simplex Optical	-R12 = x12 Rx Simplex Optical	-10 = 10.3125 Gbps	-“XXX” = Overall Length in Centimeters (011 cm to 999 cm) (Minimum length will depend on fiber type and End 2 option specified.)	-1 = Flat	-1 = OM3 Low Bend Radius Ribbon	-Y12 requires -2(X) options*
-Y12 = x12 Duplex Optical (Y Configuration)	-B04 = x4 Duplex Optical			-2 = Pin-fin	-2 = OM3 Low Bend Radius Loose Tube	-01 = MTP® 12F key down, male
				-3 = Flat with 3-Ribbon pass-through		-21* = MTP® 24F key down, male
				-5 = high-performance Pin-fin		-02 = MTP® 12F key down, female
						-22* = MTP® 24F key down, female
						-05 = MT 12F male
						-25* = MT 24F male
						-06 = MT 12F female
						-26* = MT 24F female

SPECIFICATIONS

For complete specifications see www.samtec.com?ETUO

Class 1 LASER PRODUCT
per IEC 60825-1 Ed. 2 (2007)

Patents:
8588562, 8588561
Additional patents pending
MTP® & MXC® is a registered trademark of US Conec Ltd.
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Due to technical progress, all designs, specifications and components are subject to change without notice.