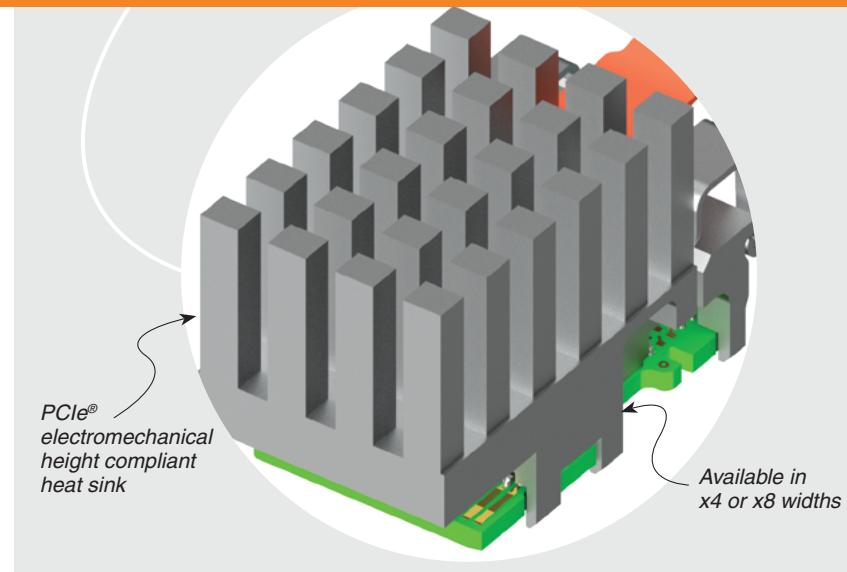


# PCIe®-OVER-FIBER OPTICAL FLYOVER™

## FEATURES

- PCIe® Gen 3 x4, scalable to x8 and x16 widths
- Duplex auxiliary signals allow both transparent and non-transparent bridging
- High-performance signal quality with BER better than  $1E^{-12}$
- Enables links up to 100 m
- Allows nontraditional FPGA/ASIC end points
- Additional heat sink, fiber type and end options available
- Standard temperature range 0 °C to +70 °C; Extended temperature version available (PTUO)
- PCIe® Gen 4 version in development

Mates with:  
UEC5, UCC8, OPA



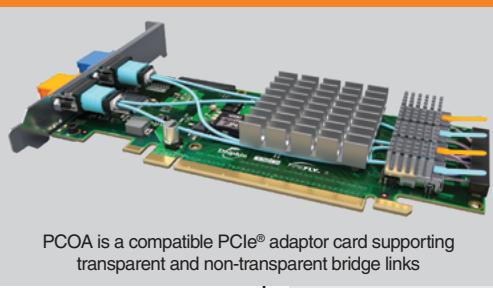
## SPECIFICATIONS

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

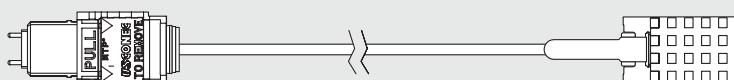


Class 1 LASER PRODUCT  
per IEC 60825-1 Ed. 2 (2007)

## OTHER SOLUTIONS

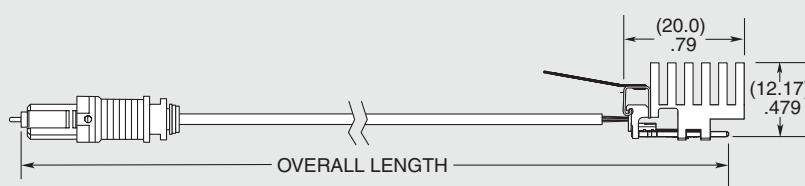


PCOA is a compatible PCIe® adaptor card supporting transparent and non-transparent bridge links



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



PCUO-G3-04-XXX SHOWN

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

**WWW.SAMTEC.COM**

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.