FIREFLY™

PCI EXPRESS® — 4.0 SOLUTIONS

PCIe®-OVER-FIBER FLYOVER®

PCUO	WIDTH	SPEED	CABLE LENGTH	0	HEAT SINK	1	FIBER TYPE	END 2 OPTIONS
PCUO Mates with: UEC5, UCC8, OPA	**–04** = x4 Lanes **–08** = x8 Lanes	**–G4** = Gen 4	**–"XXX"** = Overall Length in Centimeters		**–1** = Flat **–4** = PCIe® Pin-fin		**–7** = Black loose tube with boot **–8** = Black loose tube	(–04 width requires –01 option; –08 width requires –21 option) **–01/–21** = MTP® Male

FEATURES

- PCIe® 4.0 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
- Standard temperature range 0 °C to +70 °C
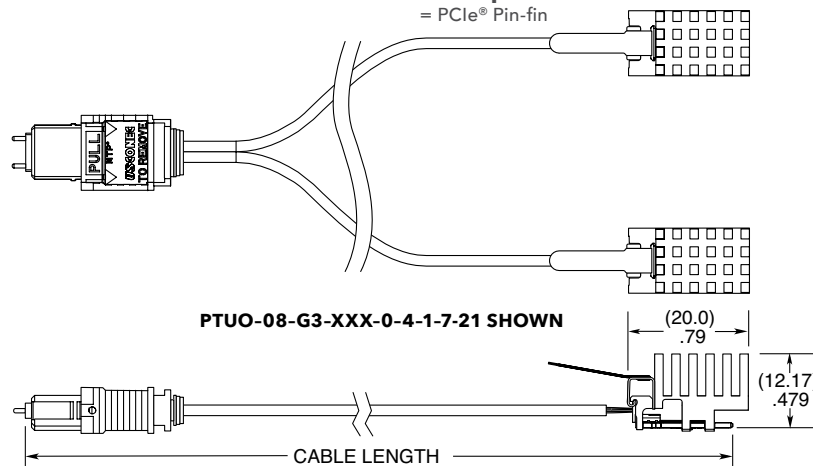
CLASS 1 LASER PRODUCT per IEC 60825-1 Ed. 3 (2014)

(20.0) .79
(12.17) .479
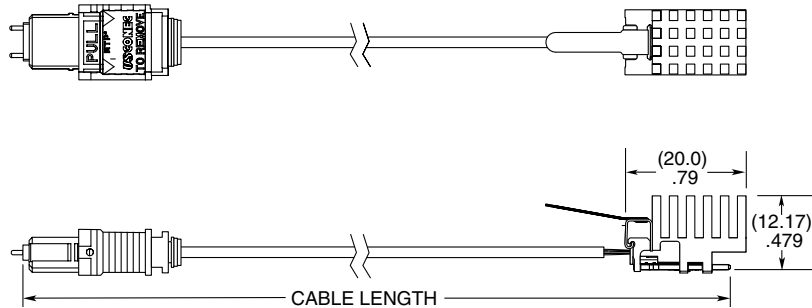
CABLE LENGTH

PCUO-04-G4-XXX-0-4-1-8-01 SHOWN

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

EXTENDED TEMP PCIe®-OVER-FIBER

PTUO	WIDTH	SPEED	CABLE LENGTH	0	HEAT SINK	1	FIBER TYPE	END 2 OPTIONS
PTUO Mates with: UEC5, UCC8, OPA	**–04** = x4 Lanes **–08** = x8 Lanes	**–G3** = Gen 3	**–"XXX"** = Overall Length in Centimeters		**–1** = Flat **–2** = Pin-fin **–3** = Flat with groove **–4** = PCIe® Pin-fin		**–7** = Black loose tube with boot **–8** = Black loose tube	(–04 width requires –0X option; –08 width requires –2X option) **–01/–21** = MTP® Male **–02/–22** = MTP® Female **–0A/–2A** = VITA 66.1/66.4 Ready **–0C/–2C** = MT38999 Male

FEATURES

- Extended temperature range from -40 °C to +85 °C
- PCIe® 3.0 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 and end options available
- PCIe® 4.0 version in development

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

PTUO-08-G3-XXX-0-4-1-7-21 SHOWN

(20.0) .79
(12.17) .479

CABLE LENGTH

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

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