FIREFLY™

PCI EXPRESS® — 4.0 SOLUTIONS

PCIe®-OVER-FIBER FLYOVER®

PCUO	-	WIDTH	-	DATA RATE	-	CABLE LENGTH	-	0	-	HEAT SINK	-	1	-	FIBER TYPE	-	END 2 OPTIONS

PCUO
Mates with:
UEC5, UCC8, OPA

–04 = x4 Lanes
–08 = x8 Lanes

–G4 = 4.0 Speed

–"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
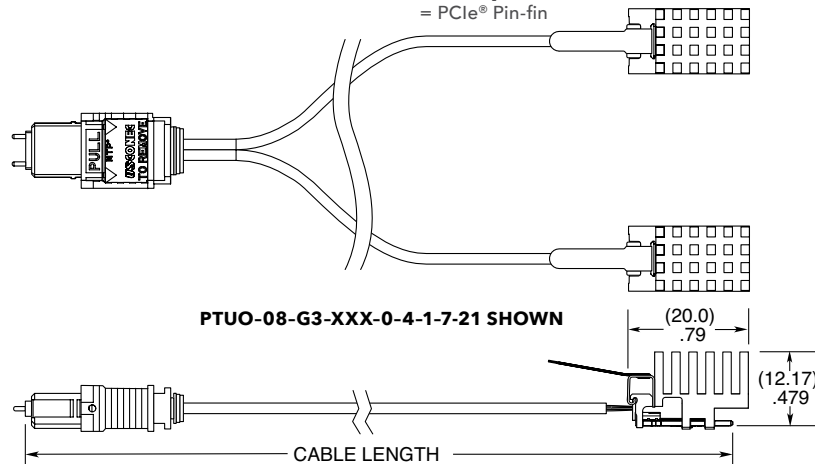CABLE LENGTH
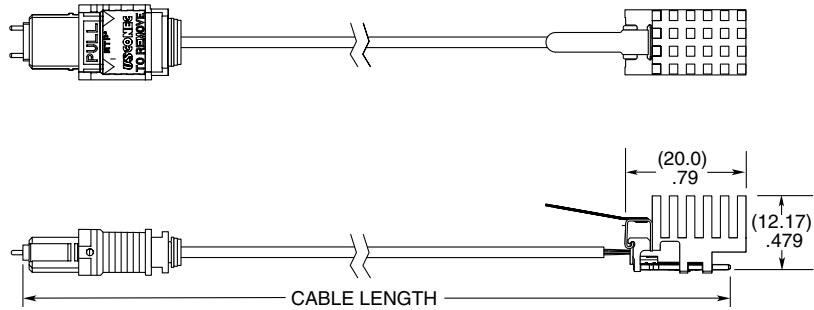
PCUO-04-G4-XXX-0-4-1-8-01 SHOWN

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

EXTENDED TEMP PCIe®-OVER-FIBER

PTUO	-	WIDTH	-	DATA RATE	-	CABLE LENGTH	-	0	-	HEAT SINK	-	1	-	FIBER TYPE	-	END 2 OPTIONS

PTUO
Mates with:
UEC5, UCC8, OPA

–04 = x4 Lanes
–08 = x8 Lanes

–G3 = 3.0 Speed

–"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

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

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