PCT Hardline Connector Solutions

"Durability with Reliability in ALL Environments"

PHx™ Series 3 Piece Hardline Pin Connectors

General Specifications

Parameter	Specification
Bandwidth	0 to 3 GHz
Impedance (nominal)	75 ohms
Return Loss (Minimum)	25 dB to 1794 MHz
Insertion Loss (Maximum)	0.25 dB to 1794 MHz
Operating Voltage	90 V (at 60 Hz Continuous AC)
Operating Temperature	-40 to +140° F (-40 to +60° C)
Operating Current Rating	20 Amps

Physical Characteristics

Part No.	Hex Size (in)	CC Trim Length (in)	Cable Retention (lbf)
PCT-HX-500P3	1	1	350
PCT-HX-540QR	1 1/8	1	350
PCT-HX-625P3	1 1/8	1	400
PCT-HX-715QR	1 1/4	1	425
PCT-HX-750P3	1 1/4	1	450
PCT-HX-860QR	1 1/2	1	480
PCT-HX-875P3	1 3/8	1	500
PCT-HXS-500P3	1	1	350
PCT-HXS-540QR	1 1/8	1	350
PCT-HXS-625P3	1 1/4	1	400
PCT-HXS-715QR	1 1/4	1	425
PCT-HXS-750P3	1 1/4	1	450
PCT-HXS-860QR	1 1/2	1	480
PCT-HXS-875P3	1 3/8	1	500

HX = Pin Connector

HXS = Splice Connector

Conforms to all applicable SCTE specifications.

PCT's PHx™ series hardline connectors are designed for harsh environments striking a delicate balance between durability and performance, ensuring reliable operation even in the toughest conditions.

- *Performance beyond 1.8 GHz*
- *Compliments advanced architectures with DOCSIS 4.0+*
- *Reusable*
- *Resistant to harsh environments*

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PHx™ Series Hardline Port Terminator

General Specifications

Parameter	Specification
Bandwidth	0 to 3 GHz
Impedance (nominal)	75 ohms
Return Loss (Minimum)	25 dB to 1794 MHz
Surge withstand	6KV Ring Wave, Cat B3
Operating Voltage	90 V (at 60 Hz Continuous AC)
Operating Temperature	-40 to +140° F (-40 to +60° C)

PCT's PHx™ series port terminators are designed for harsh environments striking a delicate balance between durability and performance, ensuring reliable operation even in the toughest conditions.

Physical Characteristics

Part No.	Hex Size (in)	CC Trim Length (in)	Cable Retention (lbf)
PCT-HXPT	1 1/8	1	

- *Performance beyond 1.8 GHz*
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- *Reusable*
- *Resistant to harsh environments*

Conforms to all applicable SCTE specifications.

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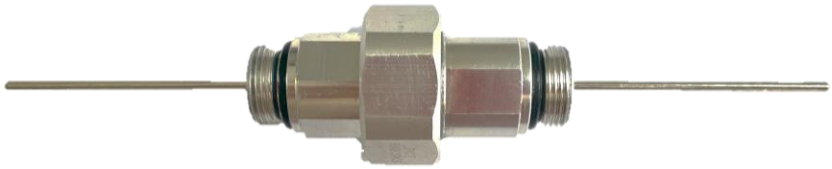
PHx™ Series Hardline Housing to Housing



PCT's PHx™ series Housing to Housing splice adaptors are designed for harsh environments striking a delicate balance between durability and performance, ensuring reliable operation even in the toughest conditions.

- *Performance beyond 1.8 GHz*
- *Compliments advanced architectures with DOCSIS 4.0+*
- *Reusable*
- *Resistant to harsh environments*

General Specifications

Parameter	Specification
Bandwidth	0 to 3 GHz
Impedance (nominal)	75 ohms
Return Loss (Minimum)	25 dB to 1794 MHz
Insertion Loss (Maximum)	0.25 dB to 1794 MHz
Operating Voltage	90 V (at 60 Hz Continuous AC)
Operating Temperature	-40 to +140° F (-40 to +60° C)
Operating Current Rating	> 20 Amps

Physical Characteristics

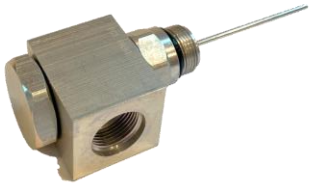
Part No.	Hex Size (in)	CC Trim Length (in)	Cable Retention (lbf)
PCT-CHA-KSKS	1	1	350

Conforms to all applicable SCTE specifications.

PCT Hardline Connector Solutions

"Durability with Reliability in ALL Environments"

PHx™ Series Hardline Adapter 90°Right Angle



PCT's PHx™ series Right Angle adapters are designed for harsh environments striking a delicate balance between durability and performance, ensuring reliable operation even in the toughest conditions.

- *Performance beyond 1.8 GHz*
- *Compliments advanced architectures with DOCSIS 4.0+*
- *Reusable*
- *Resistant to harsh environments*

General Specifications

Parameter	Specification
Bandwidth	0 to 3 GHz
Impedance (nominal)	75 ohms
Return Loss (Minimum)	23 dB to 1794 MHz
Insertion Loss (Maximum)	0.25 dB to 1794 MHz
Operating Voltage	90 V (at 60 Hz Continuous AC)
Operating Temperature	-40 to +140° F (-40 to +60° C)
Operating Current Rating	> 20 Amps

Physical Characteristics

Part No.	Hex Size (in)	CC Trim Length (in)	Thread Size (UNEF)
PCT-HXHA-90	1	1	5/8/2024

Conforms to all applicable SCTE specifications.

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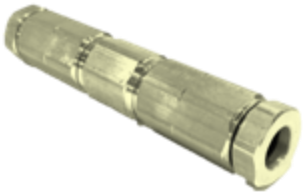
PHx™ Series Hardline Splice Adapter



Physical Characteristics

Part No.	Hex Size (in)	CC Trim Length (in)	Cable Retention (lbf)
PCT-HXS-500P3	1	1	350
PCT-HXS-540QR	1 1/8	1	350
PCT-HXS-625P3	1 1/8	1	400
PCT-HXS-715QR	1 1/4	1	425
PCT-HXS-750P3	1 1/4	1	450
PCT-HXS-860QR	1 1/2	1	480
PCT-HXS-875P3	1 3/8	1	500

Conforms to all applicable SCTE specifications.

PCT's PHx™ series splice adaptors are designed for harsh environments striking a delicate balance between durability and performance, ensuring reliable operation even in the toughest conditions.

- *Performance beyond 1.8 GHz*
- *Compliments advanced architectures with DOCSIS 4.0+*
- *Reusable*
- *Resistant to harsh environments*

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