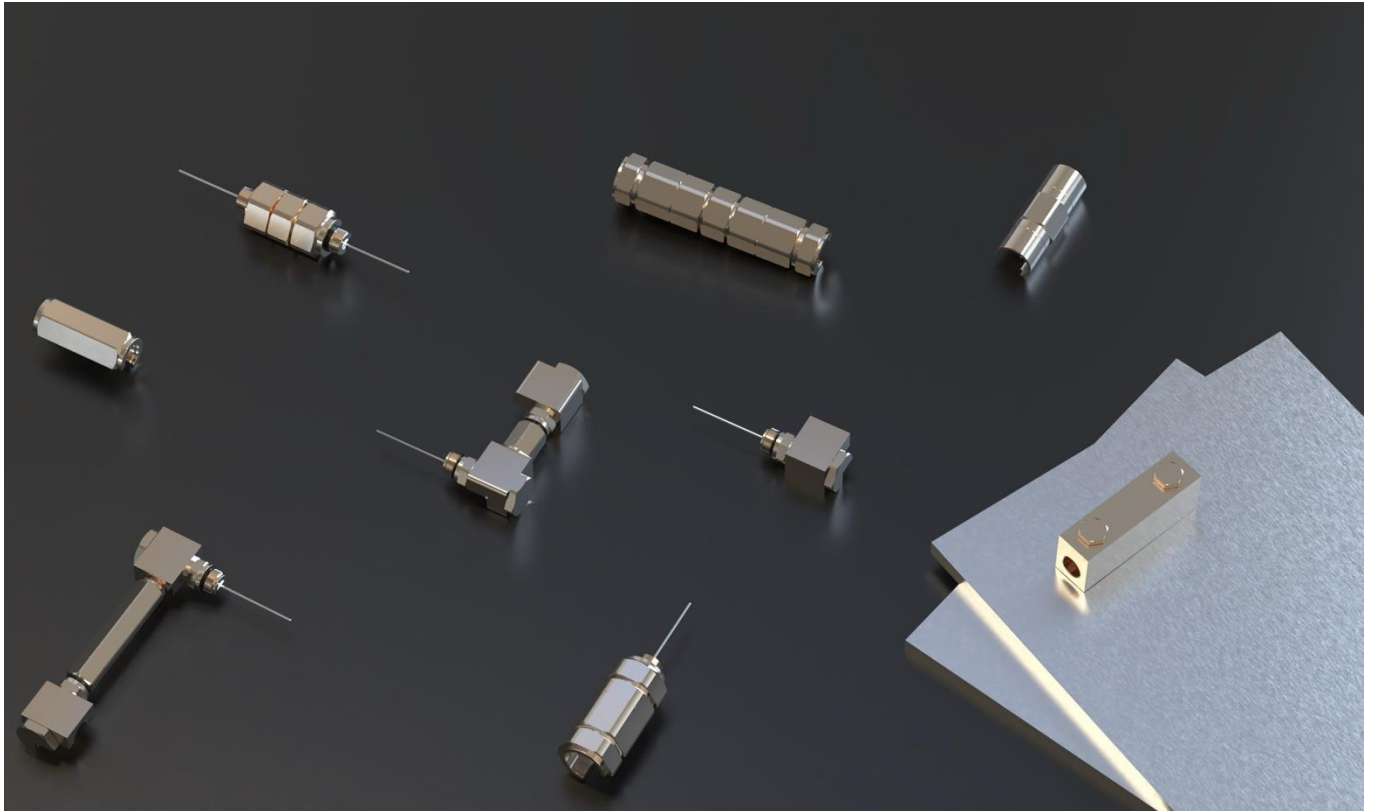


Hardline Connectors

3G Series

Introducing Novicomm 3 GHz Hardline Connectors



novicomm

HARDLINE CONNECTORS

Experience the latest innovation in telecommunications and RF communication systems with our advanced connectors. Rigorously tested for performance and compatibility, Novicomm connectors ensure secure connections and optimal signal integrity.

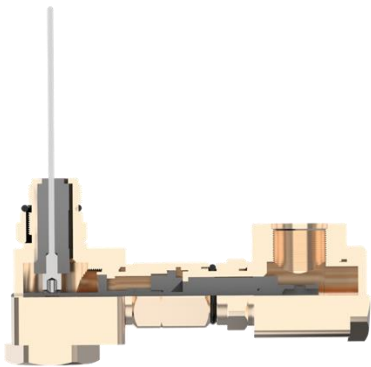
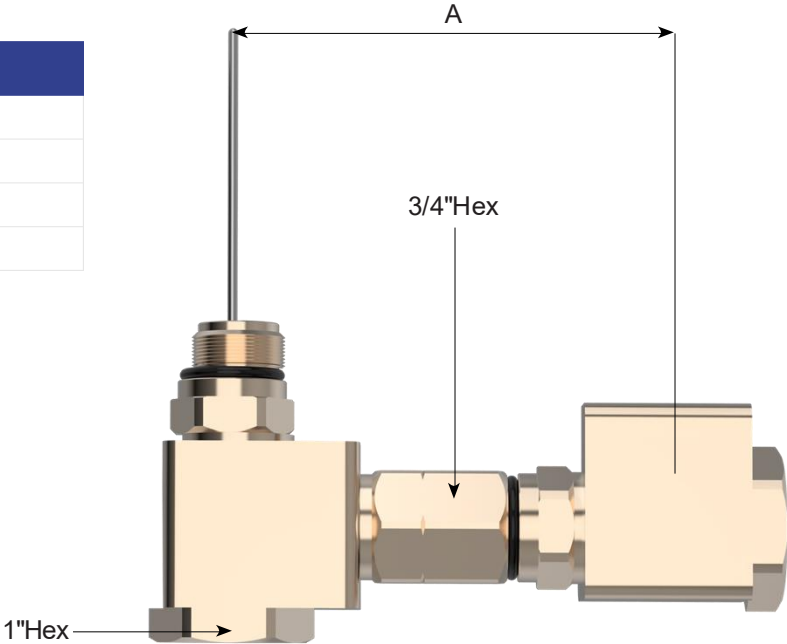
Upgrade your communication infrastructure with Novicomm, the trusted choice available exclusively at DMZglobal. Contact us today to revolutionize your connectivity solutions!



Hardline 180 Degree Adapter,
NCGCPA180

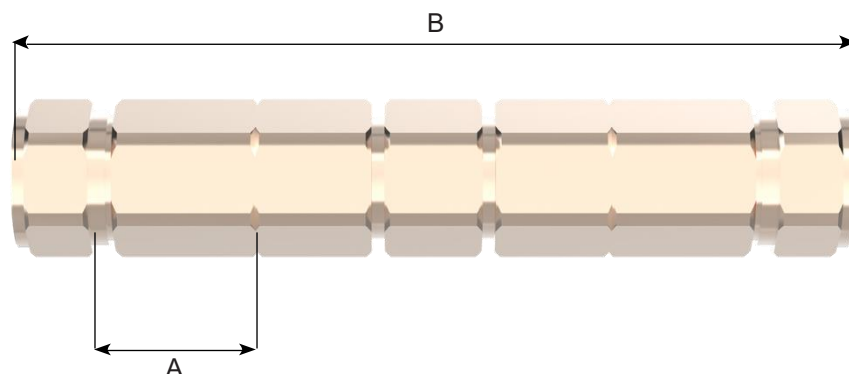
Specification

Connector	Length (A)
	(inches)
NCGCPA1803(2.9")	2.90
NCGCPA1804 (4.5")	4.50
NCGCPA1805 (5.1")	5.10



Electrical

- Bandwidth: 0 MHz to 3 GHz
- Impedance: 75 Ohms (nominal)
- Return Loss: -25 dB to 3 GHz
- Insertion Loss: -0.25 dB to 3 GHz
- Operating Voltage: 90 V (at 60 Hz continuous AC)
- Operating Current Rating: 20 Amps (at 60 Hz continuous AC)
- Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)



Specification

Connector	Hex Size	Trim(A)	Connector(B)	Cable Retention
	(inches)	(inches)	(inches)	(lbs)
NCGS412P3	1	1	5.78	350
NCGS500P3	1	1	5.78	500
NCGS540QR	1 1/8	1	6.33	500
NCGS625P3	1 1/8	1	5.58	600
NCGS715QR	1 1/4	1	6.57	650
NCGS750P3	1 1/4	1	5.58	700
NCGS860QR	1 1/2	1 1/16	6.82	795
NCGS875P3	1 3/8	1	5.58	800



Electrical

Bandwidth: 0 MHz to 3 GHz

Impedance: 75 Ohms (nominal)

Return Loss: -25 dB to 3 GHz

Insertion Loss: -0.25 dB to 3 GHz

Operating Voltage: 90 V (at 60 Hz continuous AC)

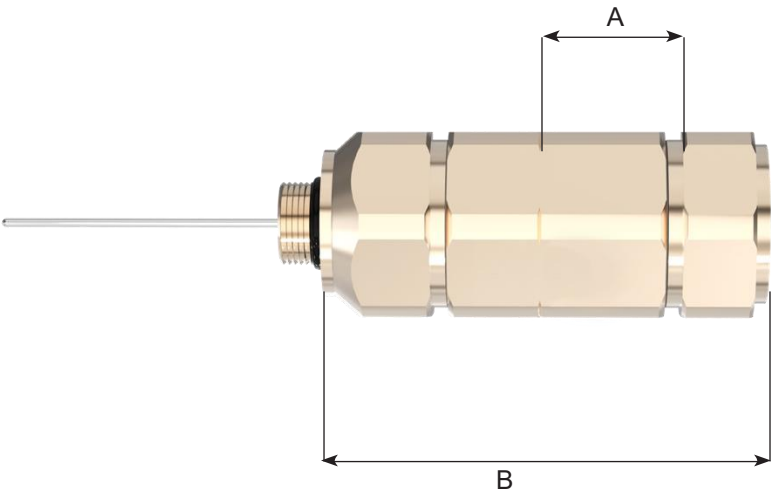
Operating Current Rating: 20 Amps (at 60 Hz continuous AC)

Corrosion: Designed to meet ASTM B 117 336 Hr.

Corrosion test when assembled into cable

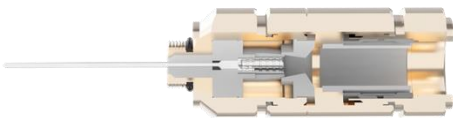
Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)

3P Pin Hardline Connectors



Specification

Connector	Hex Size	Trim (A)	Connector (B)	Min. Cable Retention
	(inches)	(inches)	(inches)	(lbs)
NCGP412P3	1	1.00	2.98	350
NCGP500P3	1	1.00	2.98	500
NCGP540QR	1 1/8	1.00	3.35	500
NCGP625P3	1 1/8	1.00	2.98	600
NCGP715QR	1 1/4	1.00	3.48	650
NCGP750P3	1 1/4	1.00	2.98	700
NCGP860QR	1 1/2	1 1/16	3.60	795
NCGP875P3	1 3/8	1.00	2.98	800



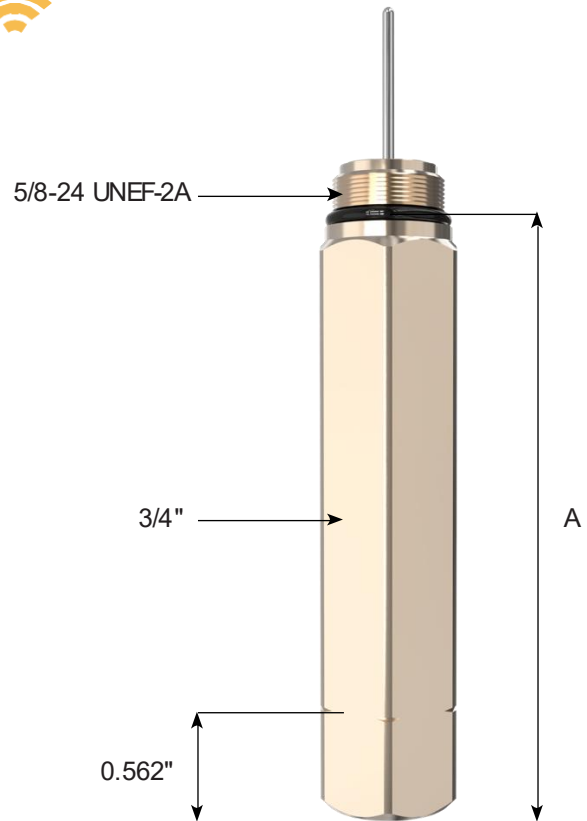
Electrical

Bandwidth: 0 MHz to 3 GHz	Operating Current Rating: 20 Amps (at 60 Hz continuous AC)
Impedance: 75 Ohms (nominal)	Corrosion: Designed to meet ASTM B 117 336 Hr.
Return Loss: -25 dB to 3 GHz	Corrosion test when assembled into cable
Insertion Loss: -0.25 dB to 3 GHz	Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)
Operating Voltage: 90 V (at 60 Hz continuous AC)	

Field Installable Extender With Self Seizing Contact

Specification

Connector	Length (A)
	(inches)
NCGEXT1.5	1.50
NCGEXT3	3.18
NCGEXT4.5	4.50
NCGEXT6	6.00
NCGEXT9	9.00



Electrical

Bandwidth: 0 MHz to 3 GHz

Impedance: 75 Ohms (nominal)

Return Loss: -25 dB to 3 GHz

Insertion Loss: -0.25 dB to 3 GHz

Operating Voltage: 90 V (at 60 Hz continuous AC)

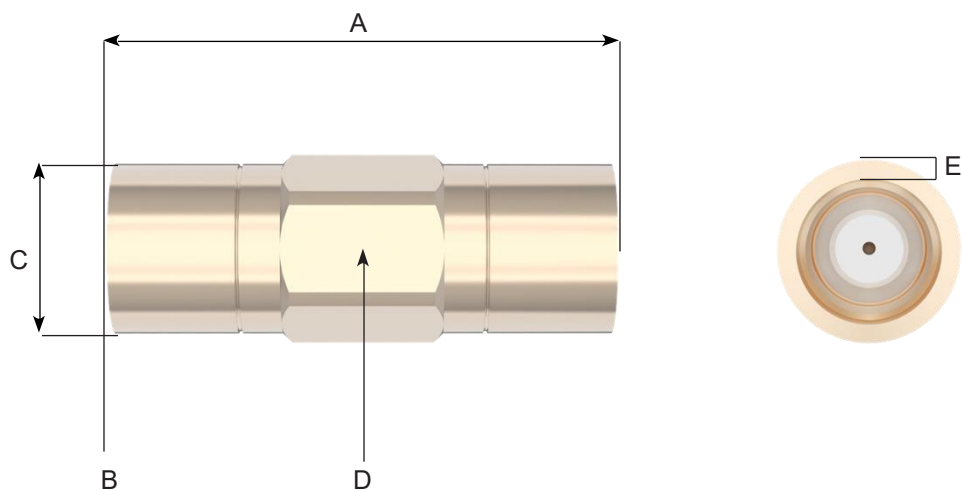
Operating Current Rating: 20 Amps (at 60 Hz continuous AC)

Corrosion: Designed to meet ASTM B 117 336 Hr.

Corrosion test when assembled into cable

Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)

Hardline Female Splice Coupler , KSF to KSF 📶



Specification

Connector	Length(A)	Trim(B)	Body Diameter(C)	Hex Size D	Thickness E
	(inches)	(inches)		(inches)	(inches)
NCGCKSKSHFS	2.20	0.56	0.75	0.75	0.06
NCGCKSKSHFSL	2.20	0.56	1.00	1.00	0.18



Electrical

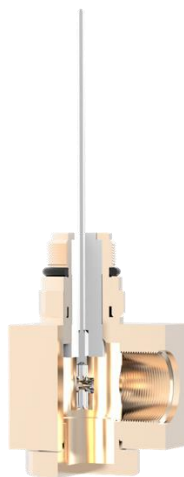
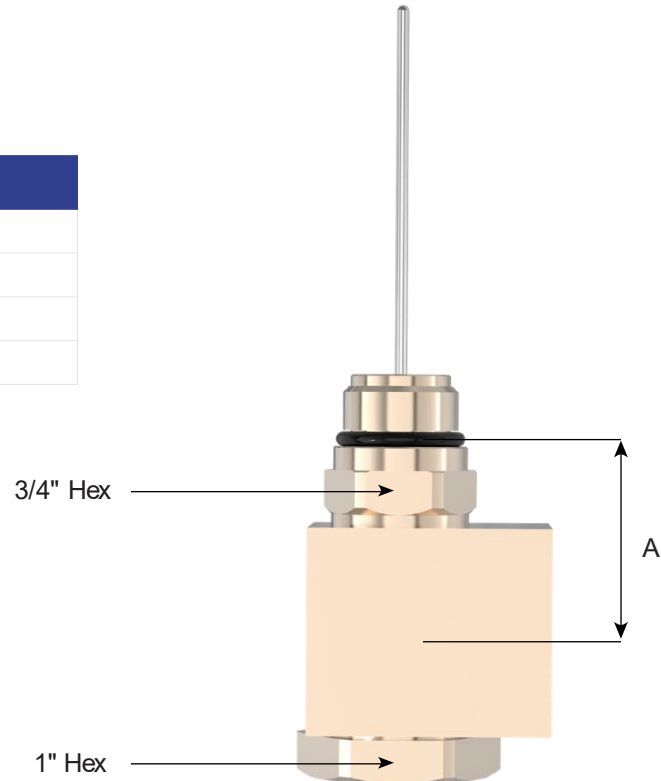
Bandwidth: 0 MHz to 3 GHz
Impedance: 75 Ohms (nominal)
Return Loss: -25 dB to 3 GHz
Insertion Loss: -0.25 dB to 3 GHz
Operating Voltage: 90 V (at 60 Hz continuous AC)

Operating Current Rating: 20 Amps (at 60 Hz continuous AC)
Corrosion: Designed to meet ASTM B 117 336 Hr.
Corrosion test when assembled into cable
Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)

Hardline Right Angle Adapter

Specification

Connector	Length (A)
	(inches)
NCGCP90	1.10
NCGCP903	2.10
NCGCP904.5	3.60



Electrical

Bandwidth: 0 MHz to 3 GHz

Impedance: 75 Ohms (nominal)

Return Loss: -25 dB to 3 GHz

Insertion Loss: -0.25 dB to 3 GHz

Operating Voltage: 90 V (at 60 Hz continuous AC)

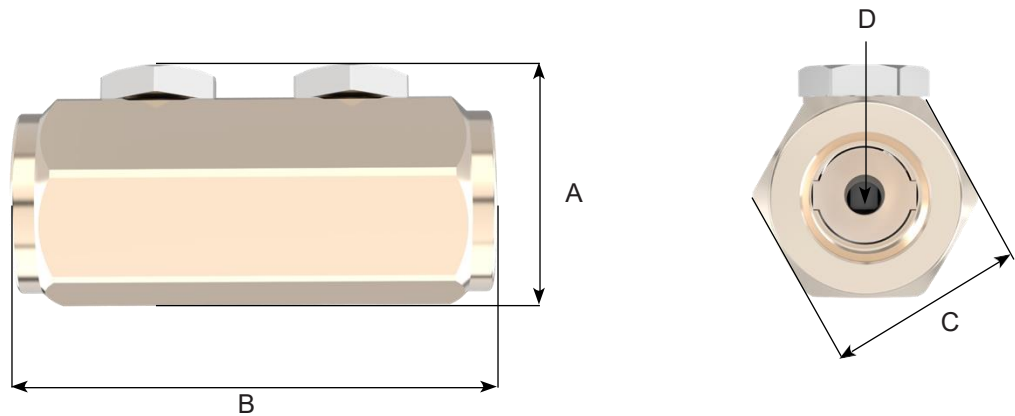
Operating Current Rating: 20 Amps (at 60 Hz continuous AC)

Corrosion: Designed to meet ASTM B 117 336 Hr.

Corrosion test when assembled into cable

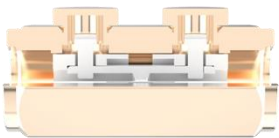
Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)

Hardline Splice Block



Specification

Connector	Height(A)	Width(B)	Thickness(C)	Hex Size D
	(inches)	(inches)	(inches)	(inches)
NCGCSPB	1.20	2.58	1.16	0.63

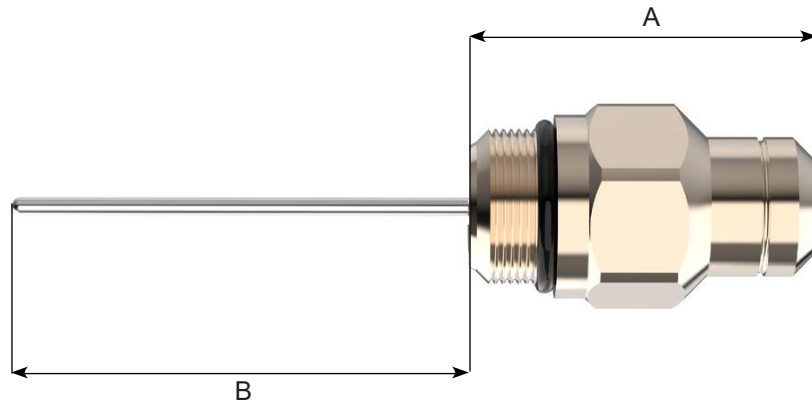


Electrical

Bandwidth: 0 MHz to 3 GHz
Impedance: 75 Ohms (nominal)
Return Loss: -25 dB to 3 GHz
Insertion Loss: -0.25 dB to 3 GHz
Operating Voltage: 90 V (at 60 Hz continuous AC)

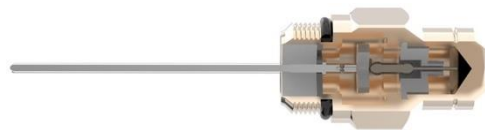
Operating Current Rating: 20 Amps (at 60 Hz continuous AC)
Corrosion: Designed to meet ASTM B 117 336 Hr.
Corrosion test when assembled into cable
Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)

Male Housing Terminator Hardline



Specification

Connector	Hex Size	Terminator Length(A)	Inserted Length(B)	Thread Size	Surge Rating
	(inches)	(inches)		(inches)	(KV)At 60 Hz Continuous AC
NCGUMTR	3/4	1.05	2.20	5/8-24 UNEF-2A	1.00
NCGUMTRHV	3/4	1.05	2.20	5/8-24 UNEF-2A	2.50
NCGUMTR6KV	3/4	1.05	2.20	5/8-24 UNEF-2A	6.00



Electrical

Bandwidth: 0 MHz to 3 GHz

Impedance: 75 Ohms (nominal)

Return Loss: -25 dB to 3 GHz

Insertion Loss: -0.25 dB to 3 GHz

Operating Voltage: 90 V (at 60 Hz continuous AC)

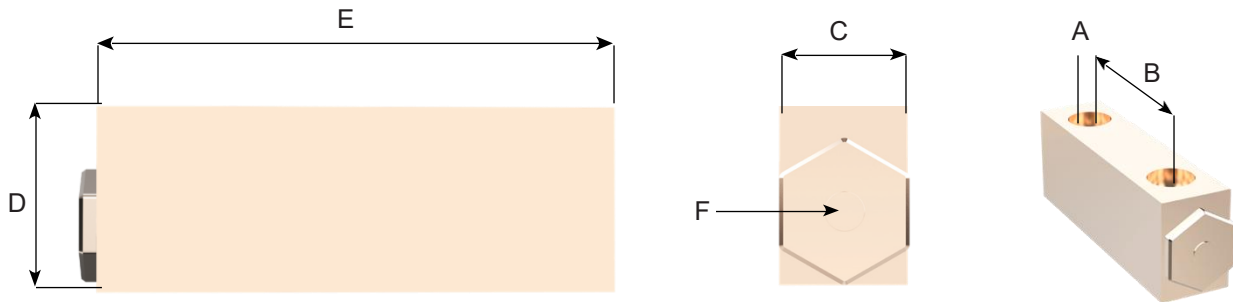
Operating Current Rating: 20 Amps (at 60 Hz continuous AC)

Corrosion: Designed to meet ASTM B 117 336 Hr.

Corrosion test when assembled into cable

Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)

Hardline Splice Block: Self-Seizing Contacts



Specification

Connector	Thread Size(A)	Hole Distance(B)	Thickness(C)	Height(D)	Width(E)	Hex Size(F)	Test Point
	(in)	(in)	(in)	(in)	(in)	(in)	
NCGSPBSS	5/8-24 UNEF-2B	2.50	0.75	1.375	3.75	0.75	NO
NCGSPBSST	5/8-24 UNEF-2B	2.50	0.75	1.375	3.86	0.75	YES

Electrical

Bandwidth: 0 MHz to 3 GHz

Impedance: 75 Ohms (nominal)

Return Loss: -25 dB to 3 GHz

Insertion Loss: -0.25 dB to 3 GHz

Operating Voltage: 90 V (at 60 Hz continuous AC)

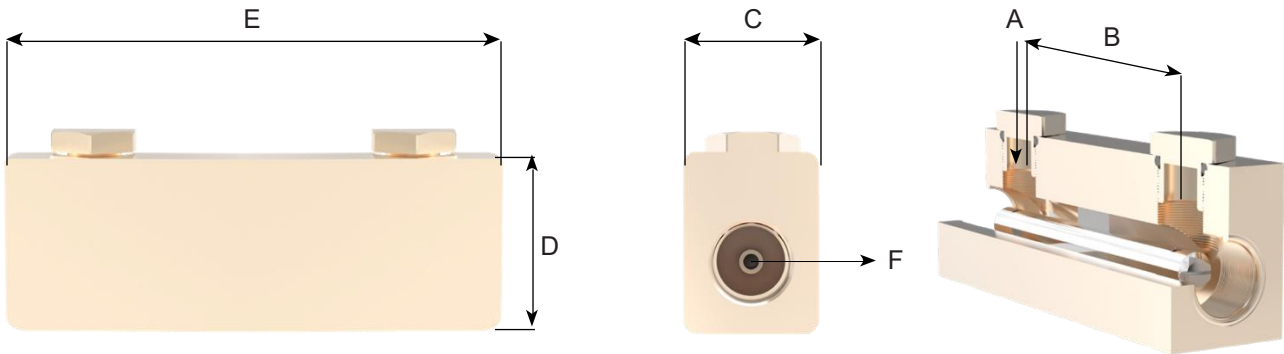
Operating Current Rating: 20 Amps (at 60 Hz continuous AC)

Corrosion: Designed to meet ASTM B 117 336 Hr.

Corrosion test when assembled into cable

Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)

Hardline Splice Block II



Specification

Mechanical Specifications						
Connector	Hex Size(A)	Hole Distance(B)	Thickness(C)	Height(D)	Width(E)	Hex Size(F)
NCGSPB	5/8-24 UNEF-2B	2.50	0.75	1.375	3.75	0.75

Electrical

Bandwidth: 0 MHz to 3 GHz

Impedance: 75 Ohms (nominal)

Return Loss: -25 dB to 3 GHz

Insertion Loss: -0.25 dB to 3 GHz

Operating Voltage: 90 V (at 60 Hz continuous AC)

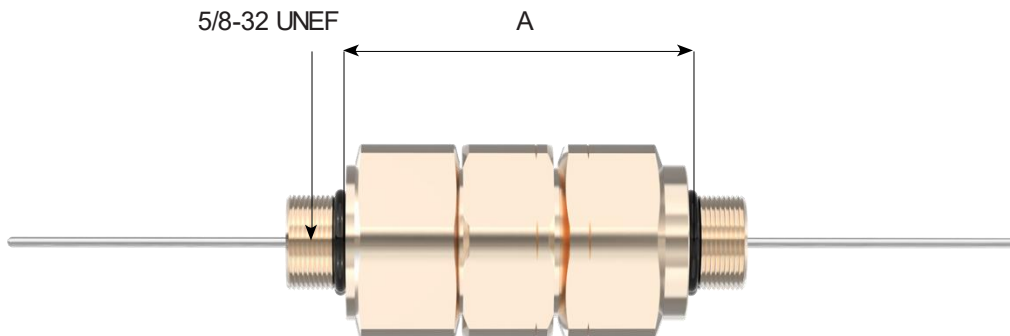
Operating Current Rating: 20 Amps (at 60 Hz continuous AC)

Corrosion: Designed to meet ASTM B 117 336 Hr.

Corrosion test when assembled into cable

Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)

Housing to Housing Swivel Adapter , NCGCKSKSARS



Specification

BConnector Length Fully Tightened A: 1.87 inches

Pin Length: 2.35 inches



Electrical

Bandwidth: 0 MHz to 3 GHz

Impedance: 75 Ohms (nominal)

Return Loss: -25 dB to 3 GHz

Insertion Loss: -0.25 dB to 3 GHz

Operating Voltage: 90 V (at 60 Hz continuous AC)

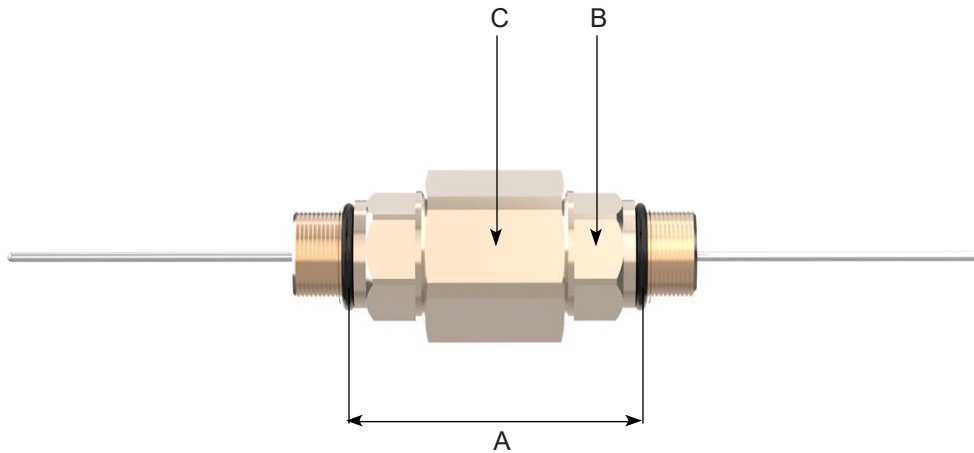
Operating Current Rating: 20 Amps (at 60 Hz continuous AC)

Corrosion: Designed to meet ASTM B 117 336 Hr.

Corrosion test when assembled into cable

Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)

Housing to Housing Swivel Adapter , NCGCKSKSULT



Specification

Connector Length Fully Tightened A: 1.80 inches

Small Hex (B): 3/4 inches

Large Hex (C): 1 1/8 inches



Electrical

Bandwidth: 0 MHz to 3 GHz

Impedance: 75 Ohms (nominal)

Return Loss: -25 dB to 3 GHz

Insertion Loss: -0.25 dB to 3 GHz

Operating Voltage: 90 V (at 60 Hz continuous AC)

Operating Current Rating: 20 Amps (at 60 Hz continuous AC)

Corrosion: Designed to meet ASTM B 117 336 Hr.

Corrosion test when assembled into cable

Temperature range: - 40 °F to +140 °F (- 40°C to + 60°C)