Coaxial N FemaleTerminations

MECHANICAL SPECIFICATIONS



Connector: Insulator: Brass, Nickel Plated.

PTFE, Virgin grade.

50 Ω.

Impedance:

high power Coaxial N Female terminations product selection chart					
P/N	Power Avg.	Power Peak	Length	Width	
CFT-2 NF	2 W	1.5 KW.	1.600"	0.800"	
CFT-5 NF	5 W	2 KW.	1.700"	0.800"	
CFT-15 NF	15 W	2 KW.	2.550"	1.250"	
CFT-100 NF	100 W	N/A	6.250"	6.000"	
CHT-150 NF	150 W	N/A	2.361"	2.000"	
CHT-200 NF	200 W	N/A	3.750"	1.000"	
CHT-200-1 NF	200 W	N/A	2.375"	1.000"	
CHT-200-2 NF	200 W	N/A	2.375"	0.750"	
CHT-200-3 NF	200 W	N/A	3.750"	1.000"	
CHT-250 NF	150 W	N/A	2.361"	2.000"	
CHT-250-1 NF	250 W	N/A	2.100"	1.500"	
CHT-300 NF	300 W	N/A	3.400"	1.625"	

P/N:CFT-2 NF	Coaxial N Series		
	Electrical Specification		
		<u>)115</u>	
	Peak Power:		
	1.5 KW.		
		Frequency Range:	VSWR (Max.)
	Average Power: 2 W.	DC - 6.0 GHz	1.15:1
t4U.com	2 W.	6.0 - 12.4 GHz	1.25:1
	Impedance:		
	50 Ω		
Mechanical Specifications	Part Dimensions		
Mechanical Specifications	Part Dimensions		
	Part Dimensions		
Connector:	Part Dimensions		
Connector: Brass, Nickel plated.	Part Dimensions		
Connector: Brass, Nickel plated. Contact:			
<u>Connector:</u> Brass, Nickel plated. <u>Contact:</u> Brass, Gold plated.	<u>Part Dimensions</u> 0.750" (19.050	Imm)	
Connector: Brass, Nickel plated. Contact: Brass, Gold plated. Housing: Brass, Nickel plated. Insulator:		lmm)	
Connector: Brass, Nickel plated. Contact: Brass, Gold plated. Housing: Brass, Nickel plated. Insulator: PTFE, Virgin grade.)mm)	
Connector: Brass, Nickel plated. Contact: Brass, Gold plated. Housing: Brass, Nickel plated. Insulator:		imm)	

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P/N:CFT - 5 NF	Coaxial Terminati	ons	
	Electrical Specificatio	ns	
4U.com	Average Power: 5 W. Peak Power: 2.0 K W.	Frequency Range: DC - 6.0 GHz 6.0 - 12.4 GHz Impedance: 50 Ω	VSWR (Max.) 1.20:1 1.35:1
40.com	2.0 K W.		
Mechanical Specifications Connector:	Part Dimensions		
Mechanical Specifications		m)	

	Electrical Specificatio	<u>ns</u>	
	Average Power:	Frequency Range:	VSWR (Max.
	15 W.	DC - 6.0 GHz 6.0 - 12.4 GHz	1.20:1 1.35:1
	Peak Power:	Impedance:	
eet4U.com	2.0 K W.	50 Ω	
Mechanical Specifications	Part Dimensions		
Connector:	Part Dimensions		
<u>Connector:</u> Brass, Nickel plated. <u>Contact:</u> Brass, Silver Plated	Part Dimensions 1.250" (31.750mm)		
Connector: Brass, Nickel plated. Contact: Brass, Silver Plated Housing:			
<u>Connector:</u> Brass, Nickel plated. <u>Contact:</u> Brass, Silver Plated			¥111-
Connector: Brass, Nickel plated. Contact: Brass, Silver Plated Housing: Aluminum, Black Anodized. Insulator: PTFE, Virgin grade.			
Connector: Brass, Nickel plated. Contact: Brass, Silver Plated Housing: Aluminum, Black Anodized. Insulator: PTFE, Virgin grade. Weight:			
Connector: Brass, Nickel plated. Contact: Brass, Silver Plated Housing: Aluminum, Black Anodized. Insulator: PTFE, Virgin grade.			
Connector: Brass, Nickel plated. Contact: Brass, Silver Plated Housing: Aluminum, Black Anodized. Insulator: PTFE, Virgin grade. Weight:		2.550" (64.770mm)	

Spectrum Electrical Specifications Power: 100 W. DC - 1.0 GHz 10 V. Impedance: 50 Ω Mechanical Specifications Marrinum, Black Anodized. Housing: Muminum, Black, Anodized. Impedance: DC - 1.0 GHz 0 Ω DC - 1.0 GHz 10 - 10 GHz DC - 1.0 GHz		P/N:CFT - 100 NF	Coaxial Terminations
Power: 100 W. DC - 1.0 GHz 100 W. DC - 1.0 GHz Impedance: 50 G Machanical Specifications Machanical Specifications Machanical Specifications Part Dimensions Machanical Specifications Machanical Specifications Machanical Specifications Part Dimensions Machanical Specifications Machanical Specifications Machanical Specifications Machanical Specifications Machanical Specifications Machanical Specifications Machanical Specifications Machanical Specifications Mathoning Machonical Specificatio			Electrical Specifications
Connector: Brass, Nickel plated.DefinitionBrass, Silver plated.Heat Sink: Aluminum, Black Anodized.Aluminum, Black, Anodized.Insulator: PTFE, Virgin grade.	neet4U.cc		Power: DC - 1.0 GHz 1.08:1 100 W. 1.0 - 2.0 GHz 1.15:1 Impedance: Impedance Impedance
Brass, Silver plated . Heat Sink: Aluminum, Black Anodized. Housing: Aluminum, Black, Anodized. Insulator: PTFE, Virgin grade.		Connector: Brass, Nickel plated.	
PTFE, Virgin grade.	! !	Brass, Silver plated . Heat Sink: Aluminum, Black Anodized. Housing: Aluminum, Black, Anodized.	3.250" (82.55mm)
		PTFE, Virgin grade.	↓ ↓ 5.000" (127.000mm)

P/N:CHT - 150 NF

Coaxial Terminations



Electrical Specifications

Power:	Frequency Range:	VSWR (Max.):
<u>rower.</u> 150 W.	DC - 1.0 GHz	1.15:1
150 W.	1.0 - 2.0 GHz	1.40:1
Impedance:		
50 Ω		

Mechanical Specifications

Part Dimensions

Contact:

Beryllium Copper, Silver plated..

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Connector:

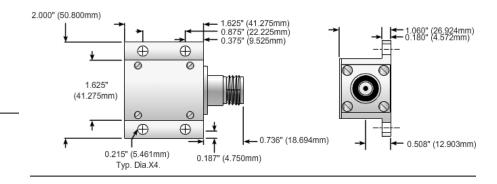
Brass, Nickel plated.

Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



	Electrical Specifications
J.com	Power:Frequency Range:VSWR (Max200 W on Adequate Heat Sink.DC - 1.0 GHz1.08:1Impedance:50 Ω
Mechanical Specifications	Part Dimensions
Cover: Aluminum, Clear iridited. Connector: Brass, Nickel plated. <u>Housing:</u> Copper, Bare. Insulator: PTFE, Virgin grade.	0.814" (20.676mm) 0.814" (20.676mm) 0.750" (19.050mm) 1.000" (25.400mm) 1.000" (25.400mm) 0.100" (25.400mm) 1.000" (25.400mm) 0.100" (25.400mm) 1.000" (25.400mm) 0.100" (25.400mm) 1.000" (25.40
•-^///	Note: Mounting hole spacing can be altered to meet your needs.

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100°C or 85°C for all other sizes.

P/N:CHT - 200-1 I	NF Coaxial Terminations
DataSheet4U.com	Electrical SpecificationsPower: 200 W on Adequate Heat Sink.Frequency Range: DC - 1.0 GHzVSWR (Max.): 1.08:1Impedance: 50 Ω
Mechanical Specifications <u>Cover:</u> Aluminum, Gold iridited . <u>Connector:</u> Brass, Nickel plated. <u>Housing:</u> Copper, Bare . <u>Insulator:</u>	Part Dimensions 1.00° (25.400mm) 0.814° (20.876mm) \bullet
PTFE, Virgin grade.	T Mounting Holes, 0.125" (3.175mm) Dia. Thru, 4 places Note: Mounting hole spacing can be altered to meet your needs.

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100° C or 85° C for all other sizes.



	Electrical Specification	<u>15</u>	
U.com	Power: 200 W on Adequate Heat Sink. Impedance: 50 Ω	Frequency Range: DC - 1.0 GHz	VSWR (Max.) 1.08:1
Mechanical Specifications <u> Cover:</u> Aluminum, Gold iridited .	Part Dimensions		
<u>Connector:</u> Brass, Nickel plated. <u>Housing:</u> Copper, Bare . <u>Insulator:</u> PTFE, Virgin grade.		1.375" (34.924mm) 0.500" (12.700mm)	

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100° C or 85° C for all other sizes.



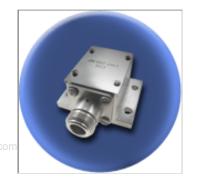
	Electrical Specifications		
U.com	Power:Frequency Range:VSWR (Max.200 W on Adequate Heat Sink.DC - 1.0 GHz1.08:1Impedance:50 Ω		
Mechanical Specifications	Part Dimensions		
Aluminum, Gold iridited . <u>Connector:</u> Brass, Nickel plated. <u>Housing:</u> Copper, Bare . <u>Insulator:</u> PTFE, Virgin grade.	0.814* (20.676mm) (2.100" (76.200mm) (53.340mm) (1.375" (34.924mm) (3.500" (12.700mm) (1.375" (34.924mm) (3.500" (12.700mm) (12.700m		
	0.180" (4.572mm) Dia. 0.750" (19.050mm) 0.125" (3.175mm) Dia. Thru, 2 places Thru, 6 places		
•-^//	Note: Mounting hole spacing can be altered to meet your needs.		

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



P/N:CHT - 250 NF

Coaxial Terminations



Electrical Specifications

	Frequency Range:	VSWR (Max.):
Power:	DC - 200 MHz	1.15:1
250 W.	200 - 400 MHz	1.25:1
	400 - 800 MHz	1.30:1
Impedance:		
50 Ω		

Mechanical Specifications

Part Dimensions

Contact:

Beryllium Copper, Silver plated..

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Connector:

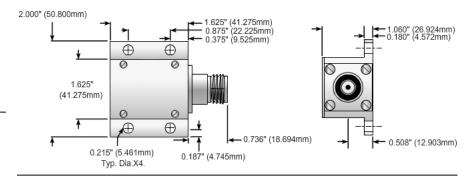
Brass, Nickel plated.

Housing:

Copper, Nickel plated.

Insulator:

PTFE, Virgin grade.



The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100°C or 85°C for all other sizes.



	P/N:CHT - 250-1 NF	Coaxial Terminations
DataS	heet4U.com	Power: Frequency Range: VSWR (Max.): 250 W on Adequate DC - 1.0 GHz 1.10:1 Impedance: 50 Ω
	Mechanical Specifications <u>Cover:</u> Copper, Nickel Plated. <u>Connector:</u> Brass, Nickel plated.	Part Dimensions 1.500' (38.100mm) 0.625' (15.875mm)→
	Housing: Copper, Nickel Plated. Insulator: PTFE, Virgin grade.	0.800° (20.320mm) 0.800°
	•	Note: Mounting hole spacing can be altered to meet your needs.

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100° C or 85° C for all other sizes.



P/N:CHT - 300 NF	Coaxial Terminations		
Sheet4U.com	Electrical Specifications Power: 250 W on Adequate Heat Sink. Return Loss: -26 dB (Standard)	Frequency Range: DC - 1.0 GHz Impedance: 50 Ω	VSWR (Max.): 1.10:1
<section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text><text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header></section-header>	Part Dimensions) 0.190/ (4.572mm) 1.625' (41.2)	^{75mm}) 30mm) ↓ ↑ 1.990' (50.546mm) ↑

The CHT Series high power coaxial terminations are conduction cooled loads. They are designed to be mounted on a heat sink ground plane or a chill plate. The power ratings require that the base plate of the CHT-15-2 does not exceed 100° C or 85° C for all other sizes.

