

## CNT-100

### CINTA™ Cable

CNT-100 Cable	Jacket	Length (ft)	Part Number
Fire Retardant Cable	Non-Halogenated Jacket	500	CNT-100-FR-500
	Non-Halogenated Jacket	1000	CNT-100-FR-1000

#### Mechanical Specifications

Minimum Bending Radius, in (mm)	0.25 (6.4)
Bending Moment lb-ft (N•m)	0.1 (0.14)
Cable Weight lb/ft (kg/m)	0.015 (0.02)
Tensile Strength lb (kg)	15 (6.8)
Flat Plate Crush Strength lb/in (kg/mm)	10 (0.18)

#### Construction Materials

Inner Conductor	Solid BC
Dielectric	Foam Polyethylene
Outer Conductor	Aluminum Tape
Overall Braid	Tinned Copper
Outer Jacket	Polyethylene

#### Dimensions

Diameter Inner Conductor, in (mm)	0.018
Diameter Dielectric, in (mm)	0.061 (1.55)
Diameter Outer Conductor, in (mm)	0.065 (1.65)
Diameter Overall Braid, in (mm)	0.087 (2.21)
Diameter over Jacket, in (mm)	0.11 (2.79)

#### Environmental Specifications

Storage Temperature, °C (°F)	-70 to +85 (-94 to +185)
Installation Temperature, °C (°F)	-40 to +85 (-40 to +185)
Operating Temperature, °C (°F)	-40 to +85 (-40 to +185)

#### Electrical Specifications

Maximum Frequency, GHz	90
Velocity, percent	66
dc Breakdown, volts	500
Peak Power Rating, kW	0.6
dc Resistance, ohms/1000 ft (1000 m)	
Inner Conductor	32 (105)
Outer Conductor	9.5 (31.2)
Jacket Spark, volts RMS	2000
Capacitance, pF/ft (m)	30.8 (101.1)
Inductance, µH/ft (m)	0.077 (0.25)
Shielding Effectiveness, dB	>90
Phase Stability, ppm/°C	<150

#### CNT-100 Connectors

Type	Part Number	Inner Contact Attachment	Outer Contact Attachment
N Male	100PNM-CR	Solder	Crimp
N Female Bulkhead	100PNF-BH-CR	Solder	Crimp
SMA Male	100PSM-CR	Solder	Crimp
SMA Male Right Angle	100PSR-CR	Solder	Crimp
SMA Female Bulkhead	100PSF-BH-CR	Solder	Crimp

#### Attenuation and Average Power Ratings

Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
30	3.9	12.8	0.23
50	5	16.5	0.18
150	8.8	29.1	0.10
220	10.8	35.4	0.08
450	15.6	51.4	0.06
900	22.6	74.2	0.05
1500	29.8	97.7	0.04
1800	32.9	107.9	0.03
2000	34.8	114.3	0.02
2500	39.4	129.3	0.01

#### Standard Conditions:

For Attenuation: VSWR 1.0, ambient temperature 20°C (68°F).  
For Average Power: VSWR 1.0, ambient temperature 40°C (104°F), inner conductor temperature 100°C (212°F), sea level, dry air, atmospheric pressure, no solar loading.

## CINTA™ Cable Assemblies

Cinta cable assemblies are available in all cable sizes and jumper styles. Jumpers are 100% factory tested.

#### Accessories

Description	Type Number
Universal Grounding Kit	GK-SUNV
Nylon Cable Ties, Pack of 50	CFCNT
Standard Weatherproofing Kit	WK-CNT

\* For full range of DIN, N, SMA, SMB, TNC, MCX, MMCX, QMA, and BNC connectors, go to Cable Master™ on [www.andrew.com](http://www.andrew.com) or contact your sales representative.

CNT-195 Cable	Jacket	Length (ft)	Part Number
Standard Outdoor Cable	Polyethylene	500	CNT-195-500
	Polyethylene	1000	CNT-195-1000
Watertight Cable	Polyethylene	500	CNT-195-DB-500
	Polyethylene	1000	CNT-195-DB-1000
Fire Retardant Cable	Non-Halogenated Jacket	500	CNT-195-FR-500
	Non-Halogenated Jacket	1000	CNT-195-FR-1000

**Mechanical Specifications**

Minimum Bending Radius, in (mm)	0.5 (12.7)
Bending Moment, lbft (N•m)	0.2 (0.27)
Cable Weight, lb/ft (kg/m)	0.021 (0.03)
Tensile Strength, lb (kg)	40 (18.2)
Flat Plate Crush Strength, lb/in (kg/mm)	15 (0.27)

**Construction Materials**

Inner Conductor	Solid BC
Dielectric	Foam Polyethylene
Outer Conductor	Aluminum Tape
Overall Braid	Tinned Copper

**Dimensions**

Diameter Inner Conductor, in (mm)	0.037 (0.94)
Diameter Dielectric, in (mm)	0.113 (2.87)
Diameter Outer Conductor, in (mm)	0.118 (3.00)
Diameter Overall Braid, in (mm)	0.141 (3.58)
Diameter over Jacket, in (mm)	0.195 (4.95)

**Environmental Specifications**

Storage Temperature, °C (°F)	-70 to +85 (-94 to +185)
Installation Temperature, °C (°F)	-40 to +85 (-40 to +185)
Operating Temperature, °C (°F)	-40 to +85 (-40 to +185)

**Electrical Specifications**

Maximum Frequency, GHz	41
Velocity, percent	80
dc Breakdown, volts	1000
Peak Power Rating, kW	2.5
dc Resistance, ohms/1000 ft (1000 m)	
Inner Conductor	7.6 (29.94)
Outer Conductor	4.9 (16.08)
Jacket Spark, volts RMS	3000
Capacitance, pF/ft (m)	24.3 (79.7)
Inductance, µH/ft (m)	0.064 (0.21)
Shielding Effectiveness, dB	>90
Phase Stability, ppm/°C	<10

**CNT-195 Connectors**

Type	Part Number	Inner Contact Attachment	Outer Contact Attachment
N Male	195PNM-H	Solder	Clamp
N Male Right Angle	195PNR-CR	Solder	Crimp
N Female Bulkhead	195PNF-BH-CR	Solder	Crimp
TNC Male	195PTM	Solder	Clamp
TNC Female	195PTF	Solder	Clamp
SMA Male	195PSM-CR	Solder	Crimp
SMA Male Right Angle	195APSR-CR	Solder	Crimp
SMA Female Bulkhead	195PSF-BH-CR	Solder	Crimp

Attenuation and Average Power Ratings			
Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
30	1.9	6.1	0.85
50	2.5	8.0	0.66
150	4.3	13.9	0.38
220	5.1	16.9	0.31
450	7.4	24.4	0.21
900	10.6	34.7	0.15
1500	13.8	45.1	0.11
1800	15.1	49.6	0.10
2000	15.9	52.5	0.10
2500	17.9	58.9	0.09

Standard Conditions:  
 For Attenuation: VSWR 1.0, ambient temperature 20°C (68°F).  
 For Average Power: VSWR 1.0, ambient temperature 40°C (104°F), inner conductor temperature 100°C (212°F), sea level, dry air, atmospheric pressure, no solar loading.

**CINTA™ Cable:**  
 Flexibility when you need it most.  
 Excellent for applications requiring bending or rebending through tight spaces during installation, maintenance, or redeployment.

**Accessories**

Description	Type Number
Crimping Tool	CTBC-2
Universal Grounding Kit	GK-SUNV
Nylon Cable Ties, Pack of 50	CTC-CNT
Standard Weatherproofing Kit	WK-CNT

\* For full range of DIN, N, SMA, SMB, TNC, MCX, MMCX, QMA, and BNC connectors, go to Cable Master™ on [www.andrew.com](http://www.andrew.com) or contact your sales representative.

## CNT-200

### CINTA™ Cable

CNT-200 Cable	Jacket	Length (ft)	Part Number
Standard Outdoor Cable	Polyethylene	500	CNT-200-500
	Polyethylene	1000	CNT-200-1000
Watertight Cable	Polyethylene	500	CNT-200-DB-500
	Polyethylene	1000	CNT-200-DB-1000
Fire Retardant Cable	Non-Halogenated Jacket	500	CNT-200-FR-500
	Non-Halogenated Jacket	1000	CNT-200-FR-1000

#### Mechanical Specifications

Minimum Bending Radius, in (mm)	0.5 (12.7)
Bending Moment, lb-ft (N•m)	0.2 (0.27)
Cable Weight, lb/ft (kg/m)	0.022 (0.03)
Tensile Strength, lb (kg)	40 (18.2)
Flat Plate Crush Strength, lb/in (kg/mm)	15 (0.27)

#### Construction Materials

Inner Conductor	Solid BC
Dielectric	Foam Polyethylene
Outer Conductor	Aluminum Tape
Overall Braid	Tinned Copper

#### Dimensions

Diameter Inner Conductor, in (mm)	0.044 (1.12)
Diameter Dielectric, in (mm)	0.116 (2.95)
Diameter Outer Conductor, in (mm)	0.121 (3.07)
Diameter Overall Braid, in (mm)	0.144 (3.66)
Diameter over Jacket, in (mm)	0.195 (4.95)

#### Environmental Specifications

Storage Temperature, °C (°F)	-70 to +85 (-94 to +185)
Installation Temperature, °C (°F)	-40 to +85 (-40 to +185)
Operating Temperature, °C (°F)	-40 to +85 (-40 to +185)

#### Electrical Specifications

Maximum Frequency, GHz	39
Velocity, percent	83
dc Breakdown, volts	1000
Peak Power Rating, kW	2.5
dc Resistance, ohms/1000 ft (1000 m)	
Inner Conductor	5.36 (17.59)
Outer Conductor	4.9 (16.08)
Jacket Spark, volts RMS	3000
Capacitance, pF/ft (m)	24.5 (80.4)
Inductance, µH/ft (m)	0.061 (0.20)
Shielding Effectiveness, dB	>90
Phase Stability, ppm/°C	<10

#### CNT-200 Connectors

Type	Part Number	Inner Contact Attachment	Outer Contact Attachment
N Male	200APNM-CR	Solder	Crimp
N Female Bulkhead	200PNF-BHC-CR	Spring Finger	Crimp
TNC Male	200PTM	Solder	Clamp
TNC Female	200PTF	Solder	Clamp
TNC Female Bulkhead	200PTF-BHC-CR	Spring Finger	Crimp
SMA Male	200PSM-CR	Solder	Crimp
SMA Male Right Angle	200PSR-CR	Spring Finger	Crimp

Attenuation and Average Power Ratings			
Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
30	1.8	5.8	1.02
50	2.3	7.4	0.79
150	4.0	13.0	0.45
220	4.8	15.7	0.37
450	6.9	22.6	0.26
900	9.8	32.3	0.18
1500	12.8	42.0	0.14
1800	14.1	46.1	0.13
2000	14.9	48.8	0.12
2500	16.7	54.8	0.10

#### Standard Conditions:

For Attenuation: VSWR 1.0, ambient temperature 20°C (68°F).  
For Average Power: VSWR 1.0, ambient temperature 40°C (104°F), inner conductor temperature 100°C (212°F), sea level, dry air, atmospheric pressure, no solar loading.

### Built-in Reliability

To ensure system reliability, Cinta cables are constructed with only the highest quality copper and polyethylene materials.

#### Accessories

Description	Type Number
Crimping Tool	CTBC-2
Universal Grounding Kit	GK-SUNV
Nylon Cable Ties, Pack of 50	CTCNT
Standard Weatherproofing Kit	WK-CNT

\* For full range of DIN, N, SMA, SMB, TNC, MCX, MMCX, QMA, and BNC connectors, go to Cable Master™ on [www.andrew.com](http://www.andrew.com) or contact your sales representative.

CNT-240 Cable	Jacket	Length (ft)	Part Number
Standard Outdoor Cable	Polyethylene	500	CNT-240-500
	Polyethylene	1000	CNT-240-1000
Watertight Cable	Polyethylene	500	CNT-240-DB-500
	Polyethylene	1000	CNT-240-DB-1000
Fire Retardant Cable	Non-Halogenated Jacket	500	CNT-240-FR-500
	Non-Halogenated Jacket	1000	CNT-240-FR-1000

**Mechanical Specifications**

Minimum Bending Radius, in (mm)	0.75 (19.1)
Bending Moment, lbft (N•m)	0.25 (0.34)
Cable Weight, lb/ft (kg/m)	0.034 (0.05)
Tensile Strength, lb (kg)	80 (36.3)
Flat Plate Crush Strength, lb/in (kg/mm)	20 (0.36)

**Construction Materials**

Inner Conductor	Solid BC
Dielectric	Foam Polyethylene
Outer Conductor	Aluminum Tape
Overall Braid	Tinned Copper

**Dimensions**

Diameter Inner Conductor, in (mm)	0.056 (1.42)
Diameter Dielectric, in (mm)	0.150 (3.81)
Diameter Outer Conductor, in (mm)	0.155 (3.94)
Diameter Overall Braid, in (mm)	0.178 (4.52)
Diameter over Jacket, in (mm)	0.240 (6.10)

**Environmental Specifications**

Storage Temperature, °C (°F)	-70 to +85 (-94 to +185)
Installation Temperature, °C (°F)	-40 to +85 (-40 to +185)
Operating Temperature, °C (°F)	-40 to +85 (-40 to +185)

**Electrical Specifications**

Maximum Frequency, GHz	31
Velocity, percent	84
dc Breakdown, volts	1500
Peak Power Rating, kW	5.6
dc Resistance, ohms/1000 ft (1000 m)	
Inner Conductor	3.2 (10.50)
Outer Conductor	3.89 (12.76)
Jacket Spark, volts RMS	5000
Capacitance, pF/ft (m)	24.2 (79.40)
Inductance, µH/ft (m)	0.060 (0.20)
Shielding Effectiveness, dB	>90
Phase Stability, ppm/°C	<10

**CNT-240 Connectors**

Type	Part Number	Inner Contact Attachment	Outer Contact Attachment
N Male	240APNM-C-CR	Spring Finger	Crimp
N Male Right Angle	240PNR-CR	Solder	Crimp
N Female Bulkhead	240PNF-BHC-CR	Spring Finger	Crimp
N Female	240PNF-CR	Solder	Crimp
TNC Male	240PTM	Solder	Clamp
TNC Male Right Angle	240PTR-CR	Solder	Crimp
TNC Female Bulkhead	240PTF-BHC-CR	Spring Finger	Crimp
SMA Male	240PSM-CR	Solder	Crimp
SMA Male Right Angle	240PSR-CR	Spring Finger	Crimp

**Attenuation and Average Power Ratings**

Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
30	1.3	4.4	1.49
50	1.7	5.6	1.15
150	3.0	9.8	0.66
220	3.7	11.9	0.54
450	5.2	17.1	0.38
900	7.5	24.6	0.26
1500	9.8	32.1	0.20
1800	10.8	35.2	0.18
2000	11.4	37.3	0.17
2500	12.8	42.0	0.15

Standard Conditions:  
 For Attenuation: VSWR 1.0, ambient temperature 20°C (68°F).  
 For Average Power: VSWR 1.0, ambient temperature 40°C (104°F), inner conductor temperature 100°C (212°F), sea level, dry air, atmospheric pressure, no solar loading.

For Outdoor, Indoor, and In-cabinet Applications  
 Cinta cable's durable jacket provides abrasion resistance during and after installation.

**Accessories**

Description	Type Number
Crimping Tool	CTBC-2
Universal Grounding Kit	GK-SUNV
Grounding Kit Jacket Stripping Tool	JST-240
Mini Click-On Hangers, Kit of 10 (hardware sold separately)	68MCLICK
Angle Adapter, Kit of 10	252026-10KT
Single Stack Hardware, Kit of 10	252027-10KT
Double Stack Hardware, Kit of 10	252028-10KT
Triple Stack Hardware, Kit of 10	252029-10KT
Nylon Cable Ties, Pack of 50	CTCNT
Standard Weatherproofing Kit	WK-CNT

\* For full range of DIN, N, SMA, SMB, TNC, MCX, MMCX, QMA, and BNC connectors, go to Cable Master™ on www.andrew.com or contact your sales representative.

## CNT-300

### CINTA™ Cable

CNT-300 Cable	Jacket	Length (ft)	Part Number
Standard Outdoor Cable	Polyethylene	500	CNT-300-500
	Polyethylene	1000	CNT-300-1000
Watertight Cable	Polyethylene	500	CNT-300-DB-500
	Polyethylene	1000	CNT-300-DB-1000
Fire Retardant Cable	Non-Halogenated Jacket	500	CNT-300-FR-500
	Non-Halogenated Jacket	1000	CNT-300-FR-1000

#### Mechanical Specifications

Minimum Bending Radius, in (mm)	0.88 (22.2)
Bending Moment, lbft (N•m)	0.38 (0.52)
Cable Weight, lb/ft (kg/m)	0.055 (0.08)
Tensile Strength, lb (kg)	120 (54.5)
Flat Plate Crush Strength, lb/in (kg/mm)	30 (0.54)

#### Construction Materials

Inner Conductor	Solid BC
Dielectric	Foam Polyethylene
Outer Conductor	Aluminum Tape
Overall Braid	Tinned Copper

#### Dimensions

Diameter Inner Conductor, in (mm)	0.070 (1.78)
Diameter Dielectric, in (mm)	0.190 (4.83)
Diameter Outer Conductor, in (mm)	0.196 (4.98)
Diameter Overall Braid, in (mm)	0.225 (5.72)
Diameter over Jacket, in (mm)	0.300 (7.62)

#### Environmental Specifications

Storage Temperature, °C (°F)	-70 to +85 (-94 to +185)
Installation Temperature, °C (°F)	-40 to +85 (-40 to +185)
Operating Temperature, °C (°F)	-40 to +85 (-40 to +185)

#### Electrical Specifications

Maximum Frequency, GHz	24.5
Velocity, percent	85
dc Breakdown, volts	2000
Peak Power Rating, kW	10
dc Resistance, ohms/1000 ft (1000 m)	
Inner Conductor	2.12 (6.96)
Outer Conductor	2.21 (7.25)
Jacket Spark, volts RMS	5000
Capacitance, pF/ft (m)	24.1 (79.10)
Inductance, µH/ft (m)	0.060 (0.20)
Shielding Effectiveness, dB	>90
Phase Stability, ppm/°C	<10

#### CNT-300 Connectors

Type	Part Number	Inner Contact Attachment	Outer Contact Attachment
N Male	300APNM-C	Spring Finger	Clamp
N Male Right Angle	300APNR-C	Spring Finger	Clamp
TNC Male	300PTM	Solder	Clamp
TNC Male Right Angle	300APTR-CR	Solder	Crimp
SMA Male	300PSM-CR	Solder	Crimp
SMA Male Right Angle	300APSR-C	Spring Finger	Clamp

\* For full range of DIN, N, SMA, SMB, TNC, MCX, MMCX, QMA, and BNC connectors, go to Cable Master™ on [www.andrew.com](http://www.andrew.com) or contact your sales representative.

#### Attenuation and Average Power Ratings

Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
30	1.1	3.5	2.10
50	1.4	4.5	1.60
150	2.4	7.8	0.92
220	2.9	9.5	0.76
450	4.2	13.7	0.52
900	6.0	19.7	0.36
1500	7.8	25.7	0.28
1800	8.6	28.4	0.25
2000	9.1	30.0	0.24
2500	10.3	33.9	0.21

Standard Conditions:

For Attenuation: VSWR 1.0, ambient temperature 20°C (68°F).  
For Average Power: VSWR 1.0, ambient temperature 40°C (104°F), inner conductor temperature 100°C (212°F), sea level, dry air, atmospheric pressure, no solar loading.

On-time delivery,  
no matter the time zone

#### Accessories

Description	Type Number
Cable Stripping Tool	BCPT-3400
Crimping Tool	CTBC
Universal Grounding Kit	GK-SUNV
Grounding Kit Jacket Stripping Tool	JST-300
Mini Click-On Hangers, Kit of 10 (hardware sold separately)	68MCLICK
Angle Adapter, Kit of 10	252026-10KT
Single Stack Hardware, Kit of 10	252027-10KT
Double Stack Hardware, Kit of 10	252028-10KT
Triple Stack Hardware, Kit of 10	252029-10KT
Nylon Cable Ties, Pack of 50	CT-CNT
Standard Weatherproofing Kit	WK-CNT

CNT-400 Cable	Jacket	Length (ft)	Part Number
Standard Outdoor Cable	Polyethylene	500	CNT-400-500
	Polyethylene	1000	CNT-400-1000
Watertight Cable	Polyethylene	500	CNT-400-DB-500
	Polyethylene	1000	CNT-400-DB-1000
Fire Retardant Cable	Non-Halogenated Jacket	500	CNT-400-FR-500
	Non-Halogenated Jacket	1000	CNT-400-FR-1000

### Mechanical Specifications

Minimum Bending Radius, in (mm)	1.0 (25.4)
Bending Moment, lb-ft (N•m)	0.5 (0.68)
Cable Weight, lb/ft (kg/m)	0.068 (0.10)
Tensile Strength, lb (kg)	160 (72.6)
Flat Plate Crush Strength, lb/in (kg/mm)	40 (0.71)

### Construction Materials

Inner Conductor	Solid BCCAI
Dielectric	Foam Polyethylene
Outer Conductor	Aluminum Tape
Overall Braid	Tinned Copper

### Dimensions

Diameter Inner Conductor, in (mm)	0.108 (2.74)
Diameter Dielectric, in (mm)	0.285 (7.24)
Diameter Outer Conductor, in (mm)	0.291 (7.39)
Diameter Overall Braid, in (mm)	0.320 (8.13)
Diameter over Jacket, in (mm)	0.405 (10.29)

### Environmental Specifications

Storage Temperature, °C (°F)	-70 to +85 (-94 to +185)
Installation Temperature, °C (°F)	-40 to +85 (-40 to +185)
Operating Temperature, °C (°F)	-40 to +85 (-40 to +185)

### Electrical Specifications

Maximum Frequency, GHz	16.2
Velocity, percent	85
dc Breakdown, volts	2500
Peak Power Rating, kW	16
dc Resistance, ohms/1000 ft (1000 m)	
Inner Conductor	1.39 (4.56)
Outer Conductor	1.65 (5.41)
Jacket Spark, volts RMS	8000
Capacitance, pF/ft (m)	23.9 (78.40)
Inductance, µH/ft (m)	0.060 (0.20)
Shielding Effectiveness, dB	>90
Phase Stability, ppm/°C	<10

### CNT-400 Connectors

Type	Part Number	Inner Contact Attachment	Outer Contact Attachment
N Male	400APNM-C	Spring Finger	Clamp
N Male	400APNM	Solder	Clamp
N Male Right Angle	400PNR-C	Spring Finger	Clamp
N Female	400PNF-CR	Spring Finger	Crimp
N Female Bulkhead	400PNF-BHC	Spring Finger	Clamp
TNC Male	400PTM-C	Spring Finger	Clamp
TNC Male Right Angle	400PTR	Solder	Clamp
7-16 DIN Male	400PDM	Solder	Clamp
7-16 DIN Female	400PDF	Solder	Clamp

### Attenuation and Average Power Ratings

Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
30	0.7	2.2	3.30
50	0.9	2.9	2.60
150	1.5	5.0	1.50
220	1.9	6.0	1.20
450	2.7	8.8	0.83
900	3.9	12.7	0.58
1500	5.0	16.6	0.44
1800	5.6	18.4	0.40
2000	5.9	19.4	0.37
2500	6.7	22.0	0.33

Standard Conditions:

For Attenuation: VSWR 1.0, ambient temperature 20°C (68°F).  
For Average Power: VSWR 1.0, ambient temperature 40°C (104°F), inner conductor temperature 100°C (212°F), sea level, dry air, atmospheric pressure, no solar loading.

## CINTA™

Industry leading pricing!

### Accessories

Description	Type Number
Cable Stripping Tool	BCPT-3400
Crimping Tool	CTBC
Universal Grounding Kit	GK-SUNV
Standard Grounding Kit, 24" lead, 2 hole lug	GK-400
Grounding Kit Jacket Stripping Tool	JST-400
Hoisting Grip	C2SGRIP
Mini Click-On Hangers, Kit of 10 (hardware sold separately)	912MCLICK
Angle Adapter, Kit of 10	252026-10KT
Single Stack Hardware, Kit of 10	252027-10KT
Double Stack Hardware, Kit of 10	252028-10KT
Triple Stack Hardware, Kit of 10	252029-10KT
Nylon Cable Ties, Pack of 50	CTCNT
Standard Weatherproofing Kit	WK-CNT

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## CNT-500

### CINTA™ Cable

CNT-500 Cable	Jacket	Length (ft)	Part Number
Standard Outdoor Cable	Polyethylene Polyethylene	500 1000	CNT-500-500 CNT-500-1000
Watertight Cable	Polyethylene Polyethylene	500 1000	CNT-500-DB-500 CNT-500-DB-1000
Fire Retardant Cable	Non-Halogenated Jacket Non-Halogenated Jacket	500 1000	CNT-500-FR-500 CNT-500-FR-1000

#### Mechanical Specifications

Minimum Bending Radius, in (mm)	1.3 (31.8)
Bending Moment, lb-ft (N•m)	1.75 (2.37)
Cable Weight, lb/ft (kg/m)	0.097 (0.14)
Tensile Strength, lb (kg)	260 (118)
Flat Plate Crush Strength, lb/in (kg/mm)	50 (0.89)

#### Construction Materials

Inner Conductor	Solid BCCAl
Dielectric	Foam Polyethylene
Outer Conductor	Aluminum Tape
Overall Braid	Tinned Copper

#### Dimensions

Diameter Inner Conductor, in (mm)	0.142 (3.61)
Diameter Dielectric, in (mm)	0.370 (9.40)
Diameter Outer Conductor, in (mm)	0.376 (9.55)
Diameter Overall Braid, in (mm)	0.405 (10.29)
Diameter over Jacket, in (mm)	0.500 (12.70)

#### Environmental Specifications

Storage Temperature, °C (°F)	-70 to +85 (-94 to +185)
Installation Temperature, °C (°F)	-40 to +85 (-40 to +185)
Operating Temperature, °C (°F)	-40 to +85 (-40 to +185)

#### Electrical Specifications

Maximum Frequency, GHz	12.6
Velocity, percent	86
dc Breakdown, volts	3000
Peak Power Rating, kW	22
dc Resistance, ohms/1000 ft (1000 m)	
Inner Conductor	0.82 (2.69)
Outer Conductor	1.27 (4.17)
Jacket Spark, volts RMS	8000
Capacitance, pF/ft (m)	23.6 (77.40)
Inductance, µH/ft (m)	0.059 (0.19)
Shielding Effectiveness, dB	>90
Phase Stability, ppm/°C	<10

#### CNT-500 Connectors

Type	Part Number	Inner Contact Attachment	Outer Contact Attachment
N Male	500PNM-C	Spring Finger	Clamp
N Male	500PNM-H	Solder	Clamp
N Male Right Angle	500PNR-H	Solder	Clamp
N Female	500PNF	Solder	Clamp
TNC Male	500PTM	Solder	Clamp

#### Attenuation and Average Power Ratings

Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
30	0.53	1.8	4.4
50	0.69	2.3	3.4
150	1.2	4.0	1.9
220	1.5	4.9	1.6
450	2.2	7.0	1.09
900	3.1	10.2	0.75
1500	4.1	13.5	0.57
1800	4.6	14.9	0.52
2000	4.8	15.7	0.49
2500	5.4	17.8	0.43

Standard Conditions:

For Attenuation: VSWR 1.0, ambient temperature 20°C (68°F).  
For Average Power: VSWR 1.0, ambient temperature 40°C (104°F), inner conductor temperature 100°C (212°F), sea level, dry air, atmospheric pressure, no solar loading.

#### Accessories

Description	Type Number
Cable Stripping Tool	BCPT-5600
Universal Grounding Kit	GK-SUNV
Standard Grounding Kit, 24" lead, 2 hole lug	GK-500
Grounding Kit Jacket Stripping Tool	JST-500
Mini Click-On Hangers, Kit of 10 (hardware sold separately)	1316MCLICK
Angle Adapter, Kit of 10	252026-10KT
Single Stack Hardware, Kit of 10	252027-10KT
Double Stack Hardware, Kit of 10	252028-10KT
Triple Stack Hardware, Kit of 10	252029-10KT
Nylon Cable Ties, Pack of 50	CTCNT
Standard Weatherproofing Kit	WK-CNT

\* For full range of DIN, N, SMA, SMB, TNC, MCX, MMCX, QMA, and BNC connectors, go to Cable Master™ on [www.andrew.com](http://www.andrew.com) or contact your sales representative.

CNT-600 Cable	Jacket	Length (ft)	Part Number
Standard Outdoor Cable	Polyethylene	500	CNT-600-500
	Polyethylene	1000	CNT-600-1000
Watertight Cable	Polyethylene	500	CNT-600-DB-500
	Polyethylene	1000	CNT-600-DB-1000
Fire Retardant Cable	Non-Halogenated Jacket	500	CNT-600-FR-500
	Non-Halogenated Jacket	1000	CNT-600-FR-1000

**Mechanical Specifications**

Minimum Bending Radius, in (mm)	1.5 (38.1)
Bending Moment, lb-ft (N•m)	2.75 (3.73)
Cable Weight, lb/ft (kg/m)	0.131 (0.20)
Tensile Strength, lb (kg)	350 (158.9)
Flat Plate Crush Strength, lb/in (kg/mm)	60 (1.07)

**Construction Materials**

Inner Conductor	Solid BCCAl
Dielectric	Foam Polyethylene
Outer Conductor	Aluminum Tape
Overall Braid	Tinned Copper

**Dimensions**

Diameter Inner Conductor, in (mm)	0.176 (4.47)
Diameter Dielectric, in (mm)	0.455 (11.56)
Diameter Outer Conductor, in (mm)	0.461 (11.71)
Diameter Overall Braid, in (mm)	0.490 (12.45)
Diameter over Jacket, in (mm)	0.590 (14.99)

**Environmental Specifications**

Storage Temperature, °C (°F)	-70 to +85 (-94 to +185)
Installation Temperature, °C (°F)	-40 to +85 (-40 to +185)
Operating Temperature, °C (°F)	-40 to +85 (-40 to +185)

**Electrical Specifications**

Maximum Frequency, GHz	10.3
Velocity, percent	87
dc Breakdown, volts	4000
Peak Power Rating, kW	40
dc Resistance, ohms/1000 ft (1000 m)	
Inner Conductor	0.53 (1.74)
Outer Conductor	1.2 (3.94)
Jacket Spark, volts RMS	8000
Capacitance, pF/ft (m)	23.4 (76.8)
Inductance, µH/ft (m)	0.058 (0.19)
Shielding Effectiveness, dB	>90
Phase Stability, ppm/°C	<10

**CNT-600 Connectors**

Type	Part Number	Inner Contact Attachment	Outer Contact Attachment
N Male	600APNM-C	Spring Finger	Clamp
N Male	600PNM-H	Solder	Clamp
N Male Right Angle	600PNR-H	Solder	Clamp
N Female Bulkhead	600PNF-BHC	Spring Finger	Clamp
TNC Male	600PTM-C	Spring Finger	Clamp
7-16 DIN Male	600PDM-C	Spring Finger	Clamp
7-16 DIN Female	600PDF	Solder	Clamp

Attenuation and Average Power Ratings			
Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Average Power, kW
30	0.42	1.4	5.5
50	0.54	1.8	4.2
150	1.0	3.2	2.4
220	1.2	3.9	2.0
450	1.7	5.5	1.35
900	2.5	8.1	0.93
1500	3.3	10.8	0.70
1800	3.7	12.0	0.63
2000	3.9	12.7	0.59
2500	4.4	14.4	0.52

Standard Conditions:  
 For Attenuation: VSWR 1.0, ambient temperature 20°C (68°F).  
 For Average Power: VSWR 1.0, ambient temperature 40°C (104°F), inner conductor temperature 100°C (212°F), sea level, dry air, atmospheric pressure, no solar loading.

**Accessories**

Description	Type Number
Cable Stripping Tool	BCPT-5600
Universal Grounding Kit	GK-SUNV
Standard Grounding Kit, 24" lead, 2 hole lug	GK-600
Grounding Kit Jacket Stripping Tool	JST-600
Hoisting Grip	HG-600
Nylon Cable Ties, Pack of 50	CT-CNT
Mini Click-On Hangers, Kit of 10 (hardware sold separately)	1316MCLICK
Angle Adapter, Kit of 10	252026-10KT
Single Stack Hardware, Kit of 10	252027-10KT
Double Stack Hardware, Kit of 10	252028-10KT
Triple Stack Hardware, Kit of 10	252029-10KT
Standard Weatherproofing Kit	WK-CNT
Standard 4" Cable Entry Boot, 3 hole	CEB-600-3

\* For full range of DIN, N, SMA, SMB, TNC, MCX, MMCX, QMA, and BNC connectors, go to Cable Master™ on www.andrew.com or contact your sales representative.