

Antenna Systems & Supplies Company

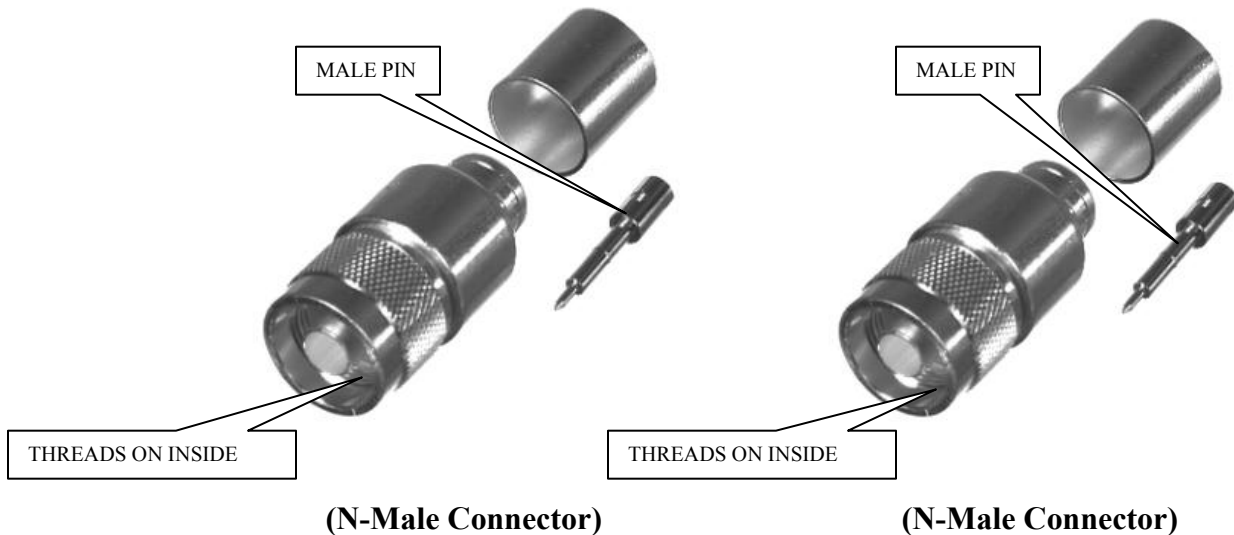
931 Albion Ave

Schaumburg, Illinois 60193

Phone: 847-584-1000 Fax: 847-584-9951

www.antennasystems.com

PART NUMBER: 600C-NMNM-75
LENGTH: 75 FEET / 22.86 METERS
CONNECTORS: N-MALE CRIMP ON EACH SIDE



N-Male Connectors have the threads on the inside and a male pin.

Andrew CNT-600 Cable Specifications:

Mechanical Specifications:

Minimum Bend 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	0.2
Tensile Strength, lb (kg)	350	158.9

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CNT 600 CINTA BRAIDED CABLE

ELECTRICAL CONT.

Frequency MHz	Attenuation dB/100 ft	Attenuation dB/100 m	Ave. 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

Attenuation: VSWR 1.0, ambient temperature 20°C (68°F)

Average Power: VSWR 1.0, ambient temperature 40°C (104°C), inner conductor temperature 100°C (212°F)

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CABLE SPECIFICATIONS

CNT-400 CINTA TM BRAIDED CABLE			
DESCRIPTION		MATERIAL	
CNT-600	STANDARD OUTDOOR CABLE	POLYETHYLENE	
CNT-600-DB	WATERTIGHT CABLE	POLYETHYLENE	
CNT-600-FR	FIRE RETARDANT (CATVR)	NON-HALOGENATED	
MECHANICAL		VALUE	
MINIMUM BEND 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	0.2	
TENSILE STRENGTH, LB (KG)	350	158.9	
FLAT PLATE CRUSH STRENGTH, LB/IN (KG/MM)	60	1.07	
CONSTRUCTION		MATERIAL	
INNER CONDUCTOR	SOLID BCCAI	0.176 IN	4.47 MM
DIELECTRIC	FOAM POLYETHYLENE	0.455 IN	11.56 MM
OUTER CONDUCTOR	ALUMINUM TAPE	0.461 IN	11.71 MM
OVERALL BRAID	TINNED COPPER	0.490 IN	12.45 MM
DIAMETER OVER JACKET	BLACK POLYETHYLENE	0.590 IN	14.99 MM
ENVIRONMENTAL		VALUE	
STORAGE TEMPERATURE, °C	-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		VALUE	
MAXIMUM FREQUENCY	10.3GHZ		
VELOCITY, PERCENT	87		
VOLTAGE WITHSTAND	24000 VDC		
PEAK POWER	40 KW		
DC RESISTANCE, OHMS/1000 FT (1000M)			
INNER CONDUCTOR, OHMS	.53 (1.74)		
OUTER CONDUCTOR, OHMS	1.2 (3.94)		
JACKET SPARK	8000 VRMS		
CAPACITANCE	23.4 PF/(76.8 PF/M)		
INDUCTANCE	0.058 UH/FT (0.19 UH/M)		
SHIELDING EFFECTIVENESS	>90 DB		
PHASE STABILITY	< 10 PPM/ °C		