



## DDC 400 Series N plug –N plug



ANC-4230

H/W Version: 2

DDC 400 series cable assemblies are manufactured from the highest performance Low Loss cable. It is the preferred cable for distances greater than 3m, and has become the “standard” for all outdoor antenna cabling.

### Weatherability

DDC 400 series cables designed for outdoor exposure incorporate the best materials for UV resistance and have life expectancy in more than 10 years.



1. N-plug Connector
2. N-plug Connector

### Related Products



**ANC-2330**  
200 Series RPSMA plug-N  
plug-3m



**ANC-2310**  
200 Series RPSMA plug-N plug-  
1m

## Technical Specifications

### Electrical Properties:

#### Frequency Range

DC~6GHz

#### Impedance

50Ω Nominal

#### Insertion Loss

2GHz	1.2dB
3GHz	1.6dB
4GHz	1.8dB
5GHz	2.2dB
6GHz	2.4dB

#### VSWR

1.9 :1 Max

#### Cable

CFD-400 Coaxial Cable

#### Connector

N-Type Plug Standard

#### Connector

N-Type plug Standard

### Physical Properties:

#### Operating Temp

-10°C~+60°C

#### Storage Temp

-10°C~+70°C

### CONSTRUCTION:

#### No. of Wire

1C P,C

#### Conductor Material

Copper Clad Aluminum

#### Conductor Size

1/2.74 No./mm

#### Insulation Material

PEF

#### Insulation Thickness

(NOM.) 2.2mm

#### Insulation O.D

(NOM) 7.2 mm

#### Binder

Sealed Aluminum Mylar Tape

#### Braid Shield Material

Tinned Copper Wire

#### Braid Shield Coverage

85% ↑

#### Jacket Material

PVC or PE

#### Jacket O.D

10.3±0.25 mm

### MECHANICAL PROPERTIES:

#### Minimum Bend Radius

25.4 mm

#### Weight

0.1 kG/m

#### Tensile strength

72.6 kG

#### Operating temperature

-40/85 °C

### ELECTRICAL PROPERTIES (20°C)

#### Conductor Resistance

1.67 Ω/Km

#### Impedance

(NOM.) 50 Ω

#### Capacitance

(NOM.) 23.9 PF/FT

#### Velocity of propagation

(NOM.) 85 %

#### DC resistance, inner cond.

4.56Ω/Km

#### DC resistance, outer cond.

5.41Ω/Km

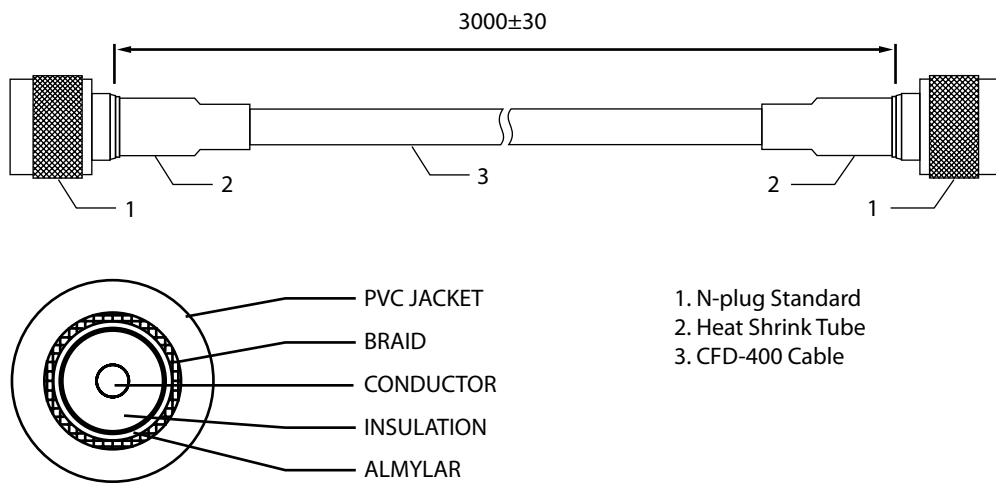
#### Shielding effectiveness

≥90 dB

#### Attenuation (100ft)

30 MHz	0.7 dB
50 MHz	0.9 dB
150 MHz	1.5 dB
22 MHz	1.9 dB
450 MHz	2.7 dB
900 MHz	3.9 dB
1500 MHz	5.1 dB
2000 MHz	6.0 dB

## Dimension Diagram



## Order Information

**ANC-4230:** DDC 400 Series N plug –N Jack

## Package Contents

ANC-4230