



## DDC 400 Series N plug –N plug



ANC-4230

H/W Version: 1

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



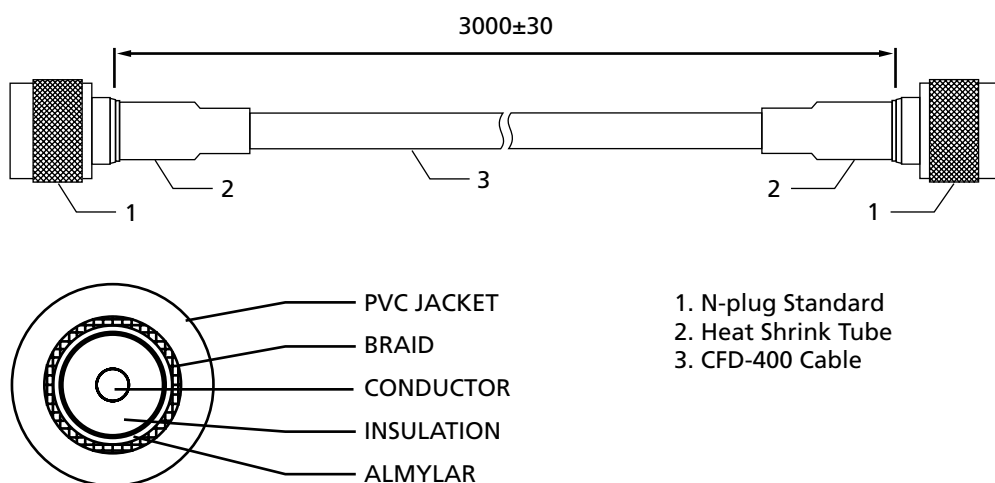
**ANC-2310**  
200 Series RPSMA plug-N  
plug-1m

## Technical Specifications

<b>Electrical Properties:</b>	
<b>Frequency Range</b>	
DC~3GHz	
<b>Impedance</b>	
50Ω Nominal	
<b>Insertion Loss</b>	
2GHz	1.3 dB
2.5GHz	1.5 dB
3GHz	1.6 dB
<b>VSWR</b>	
1.5 : 1 Max.	
<b>Cable</b>	
CFD-400 Coaxial Cable	
<b>Connector</b>	
N-Type Plug Standard	
<b>Connector</b>	
N-Type plug Standard	
<b>Physical Properties:</b>	
<b>Operating Temp</b>	
-10°C~+60°C	
<b>Storage Temp</b>	
-10°C~+70°C	
<b>CONSTRUCTION:</b>	
<b>No. of Wire</b>	
1C P,C	
<b>Conductor Material</b>	
Copper Clad Aluminum	
<b>Conductor Size</b>	
1/2.74 No./mm	
<b>Insulation Material</b>	
PEF	
<b>Insulation Thickness</b>	
(NOM.) 2.2mm	
<b>Insulation O.D</b>	
(NOM) 7.2 mm	
<b>Binder</b>	
Sealed Aluminum Mylar Tape	
<b>Braid Shield Material</b>	
Tinned Copper Wire	
<b>Braid Shield Coverage</b>	
85% ↑	
<b>Jacket Material</b>	
PVC or PE	
<b>Jacket O.D</b>	
10.3±0.25 mm	
<b>MECHANICAL PROPERTIES:</b>	
<b>Minimum Bend Radius</b>	
25.4 mm	
<b>Weight</b>	
0.1 kG/m	
<b>Tensile strength</b>	
72.6 kG	
<b>Operating temperature</b>	
-40/85 °C	

<b>ELECTRICAL PROPERTIES (20°C)</b>	
<b>Conductor Resistance</b>	
1.67 Ω/Km	
<b>Impedance</b>	
(NOM.) 50 Ω	
<b>Capacitance</b>	
(NOM.) 23.9 PF/FT	
<b>Velocity of propagation</b>	
(NOM.) 85 %	
<b>DC resistance, inner cond.</b>	
4.56Ω/Km	
<b>DC resistance, outer cond.</b>	
5.41Ω/Km	
<b>Shielding effectiveness</b>	
≥90 dB	
<b>Attenuation (100ft)</b>	
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