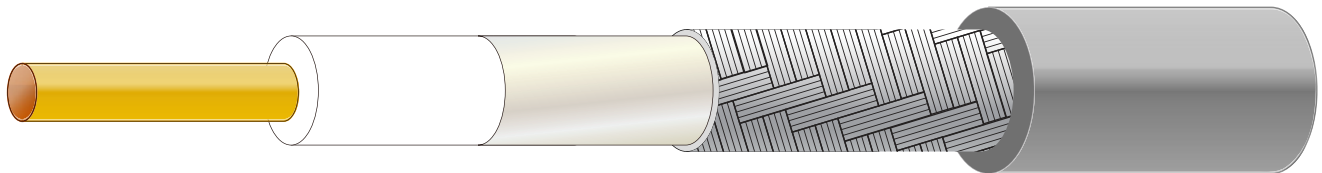
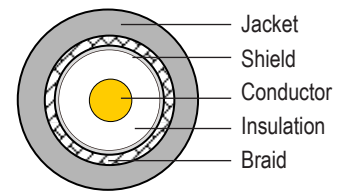


# CFD200 COAXIAL CABLE

Product No. DC2001A5BT(PVC) DC2001A5BT-E(PE)

## Structure Figure



### Conductor

 Material  
Solid Copper Wire

 Diameter  
Approx. 1.12 mm

### Insulation

 Material  
Foam PE

 Diameter  
Approx. 2.95 mm

### Shield

 Material  
Aluminum / PE Tape

### Braid

 Material  
Tinned Copper wire

 Coverage  
Approx. 85%

 Diameter  
Approx. 3.6 mm

### Jacket

 Material  
PVC (CFD200-NL)  
PE (CFD200-E)

 Color  
Black

 Diameter  
Approx. 4.95 mm

## Electrical Properties (at 20°C )

Description	Specification
Impedance@200MHz (nom)	50 Ω
Voltage withstanding AC	1000 V/1min.
Conductor Resistance (nom.)	17.59 Ω/km
Velocity of propagation (nom.)	83%
Capacitance (nom.)	80 pF/M
VSWR	1.3 max.

NOTE: VSWR will be test in th frequency range (810~960, 1300~1400, 1500~1600, 1710~1885, 1915~2025, 2100~2200, 2400~2500 MHz), and the other test frequency only for reference.

## Mechanical Properties

Description	Specification
Minimum bending radius	12.7 mm
Weight (nom.)	0.035 Kg/m (PE) 0.040 Kg/m (PVC)
Tensile strength	18.2 kg max.
Operating temperature range	-40°C ~ +85°C

UV RESISTANT: Add carbon black in JACKET to make the cable has resistant to UV.

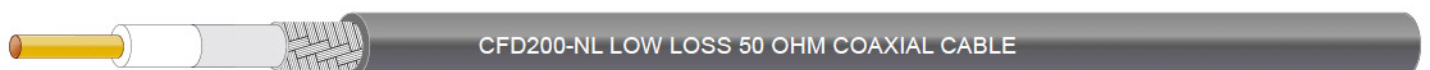
## Attenuation

Frequency(MHz)	30	50	150	220	450	900	1500	1800	2000	2500	5800
dB/100m	5.8	7.5	13.1	15.9	22.8	32.6	42.4	46.6	49.3	55.4	86.5
dB/100ft	1.77	2.29	4.00	4.85	6.95	9.94	12.93	14.21	15.03	16.89	26.37

NOTE: Maximum value shall be not exceeded 115% of the nominal value.

## Cable Marking

### PVC (CFD200)



### PE (CFD200-E)

