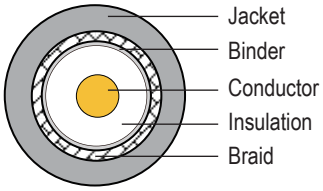
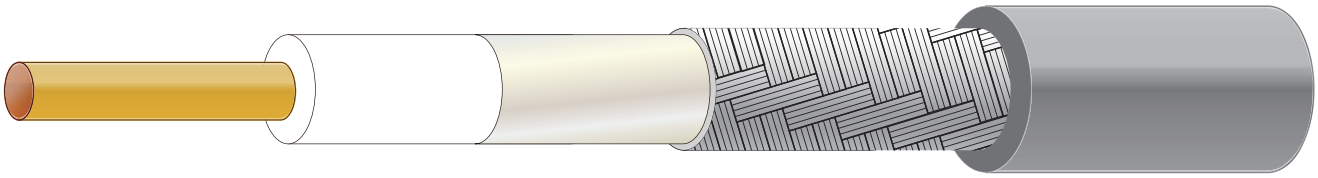
CFD200 COAXIAL CABLE

Product No. DC2001I5BT (PVC) DC2001I5BT-E (PE) DC2001I5BT-FR (LSNH)

Structure Figure





Conductor

Material
Solid Bare Copper

Diameter
Approx. 1.12 mm

Insulation

Material
Foam polyethylene

Diameter
Approx. 2.95 mm

Binder

Material
Aluminum/PE Tape

Diameter
Approx. 3.07 mm

Single Braid

Material
Tinned copper wire

Coverage
90%

Diameter
Approx. 3.66mm

Jacket

Material
PVC (CFD200)
PE (CFD200-E)
LSNH (CFD200-FR)

Color
Black

Diameter
Approx. 5.0 mm

Cable Marking

PVC (CFD200)

PE (CFD200-E)

LSNH (CFD200-FR)

For more information, contact sales@wellshow.com.tw TEL: +886 2-2427-0488 FAX: +886 2-2426-0387 9F., No.181, Nanrong Rd., Ren-ai Dist., Keelung City 200, Taiwan (R.O.C.)

Electrical Properties (At 20°C)

Conductor resistance Inner conductor	Nom. 17.59 Ω/km
Voltage withstanding	1000V rms/1min
Velocity of propagation	Nom. 85%
Impedance	Nom. 50 Ω @200MHz
Capacitance	Nom. 80.4 pF/m
Inductance	Nom. 0.20 μH/m

Attenuation / Avg. Power

Frequency(MHz)	dB/100m-kW, nom.	dB/100ft
30	5.8 - 1.02	1.77
50	7.5 - 0.79	2.29
150	13.1 - 0.45	4.00
220	15.9 - 0.37	4.85
450	22.8 - 0.26	6.95
900	32.6 - 0.18	9.94
1500	42.4 - 0.14	12.93
1800	46.6 - 0.13	14.21
2000	49.3 - 0.12	15.04
2500	55.4 - 0.10	16.90
5800	86.5 - 0.07	26.38

Environmental Specification

Installation temperature range	-20°C~+60°C
Storage temperature range	-20°C~+60°C
Operating temperature range	-20°C~+60°C

Mechanical Specification

Minimum bend radius	12.7mm
Cable Weight	0.04kg/m

Packing

Both ends of the cable shall be effectively sealed to prevent the entrance of moisture. The cable shall be supplied in plywood drum 500m or coils of 200m.

Low Smoke, Non-Toxicity, Halogen-Free Specification

Item	Specification	
	Method	Value
Smoke density	ASTM E662	Dm20<150
Toxicity index	NES 713	< 5
Halogen acid gas evolution	IEC 60754-2	pH > 4.3
Flame retardant test	IEC 60332-1	Pass

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