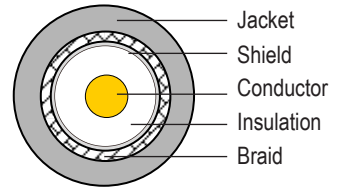


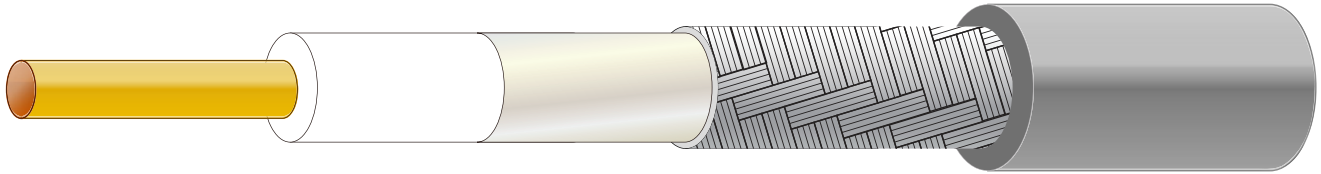


CFD400-LW Coaxial Cable

Product No. DC4001A5BA (PVC)
DC4001A5BA-E (PE)



Structure Figure



Conductor	Insulation	Shield	Braid	Jacket
Material Solid Copper Claded Aluminum Wire	Material Foam PE	Material Aluminum / PE Tape	Material Aluminum alloy wire	Material PE or PVC
Diameter Approx. 2.74 mm	Diameter Approx. 7.24 mm		Coverage Approx. 92%	Color Black
			Diameter Approx. 8.1 mm	Diameter Approx. 10.3 mm

Electrical Properties (at 20°C) Mechanical Properties

Description	Specification
Impedance@200MHz (nom)	50 Ω
Voltage withstanding AC	2500 V/1min.
Conductor Resistance (nom.)	4.56 Ω/km
Velocity of propagation (nom.)	85%
Capacitance (nom.)	78 pF/M
VSWR	1.5 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.

Description	Specification
Minimum bending radius	25.4 mm
Weight (nom.)	0.082 Kg/m (PE) 0.098 Kg/m (PVC)
Tensile strength	72.6 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	2.4	3.0	5.0	6.1	8.9	12.8	16.8	18.6	19.6	22.2	35.5
dB/100ft	0.74	0.92	1.53	1.86	2.72	3.91	5.13	5.67	5.98	6.77	10.83

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

Cable Marking

For PE Jacket :



For Non lead PVC Jacket :

