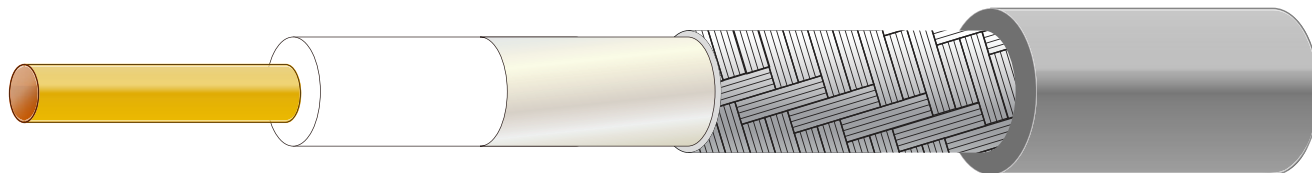
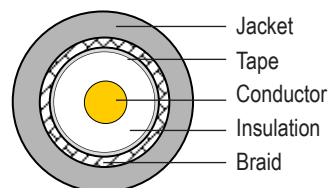


CFD100 LOW LOSS COAXIAL CABLE

Product No. DC1001A5BT (Black)

Structure Figure



Conductor

Material
Solid Copper Wire

Diameter
Nom. 0.46 mm

Insulation

Material
Cross Linked PE

Diameter
Nom. 1.5mm

Shield

Material
Aluminum/ PE tape

Braid

Material
Tinned copper wire

Coverage
95%

Diameter
Nom. 2.0 mm

Jacket

Material
Lead-free PVC

Color
Black

Diameter
Nom. 2.8 mm

Mechanical Properties

Description	Specification
Minimum bending radius	6.4 mm
Weight (nom.)	0.014 kg/m
Tensile strength	6.8 kg MAX.
Operating temperature range	-40°C~+85°C

Electrical Properties (at 20°C)

Description	Specification
Impedance@200MHz (nom)	50 Ω
Voltage withstanding AC	1000 V/1min.
Conductor Resistance (nom.)	113.4Ω/km
Capactitance (nom.)	101 pF/M

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	12.9	16.7	29.4	35.8	51.9	74.9	98.7	109.0	115.5	130.6	210.3
dB/100ft	3.94	5.09	8.97	10.91	15.82	22.83	30.09	33.23	35.20	39.81	64.10

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

Cable Marking

