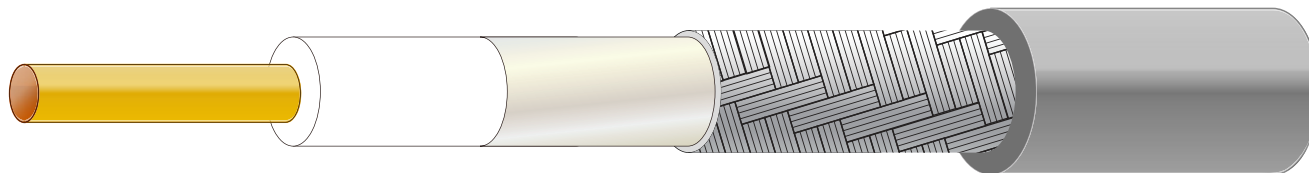
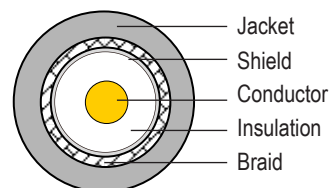


CFD240 LOW LOSS COAXIAL CABLE

Product No. DC2401A5BT-E (PE)
DC2401A5BT (PVC)

Structure Figure



Conductor

Material
Solid Copper Wire

Diameter
Approx. 1.42 mm

Insulation

Material
Foam PE

Diameter
Approx. 3.81 mm

Shield

Material
Aluminum / PE Tape

Braid

Material
Tinned Copper wire

Coverage
Approx. 83%

Diameter
Approx. 4.5 mm

Jacket

Material
PE / Lead Free PVC

Color
Black

Diameter
Approx. 6.1 mm

Electrical Properties (at 20°C) Mechanical Properties

Description	Specification
Impedance@200MHz (nom)	50 Ω
Voltage withstanding AC	1500 V/1min.
Conductor Resistance (nom.)	10.5 Ω/km
Velocity of propagation (nom.)	84%
Capacitance (nom.)	79 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.

Description	Specification
Minimum bending radius	19.1 mm
Weight (nom.)	0.050 Kg/m (PE) 0.057 Kg/m (NL PVC)
Tensile strength	36.3 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	4.6	5.7	9.9	12.0	17.3	24.8	32.4	35.6	37.7	42.4	66.8
dB/100ft	1.41	1.74	3.02	3.66	5.28	7.56	9.88	10.86	11.50	12.93	20.37

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

Cable Marking

For PE Jacket :



For Non lead PVC Jacket :

