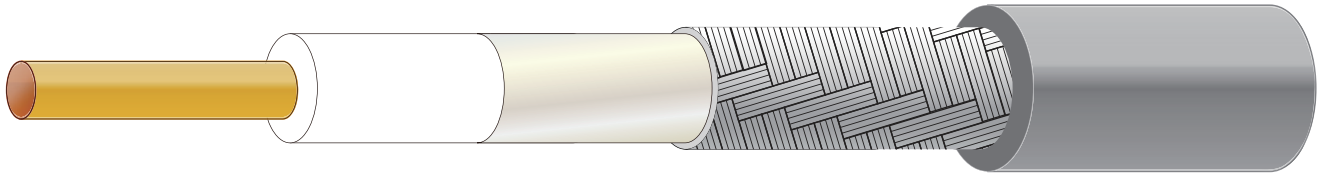
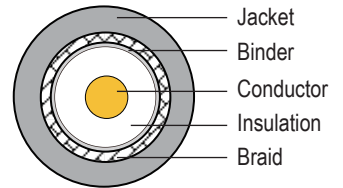


CFD240 COAXIAL CABLE

Product No. DC2401A5BT-E

Structure Figure



Conductor

 Material
Solid Copper Wire

 Diameter
Approx. 1.42 mm

Insulation

 Material
Foam polyethylene

 Diameter
Approx. 3.81 mm

Binder

 Material
Aluminum/PE Tape

 Diameter
Approx. 3.92 mm

Single Braid

 Material
Tinned copper wire

 Coverage
84%

 Diameter
Approx. 4.5 mm

Jacket

 Material
PE

 Color
Black

 Diameter
Approx. 6.1 mm

Cable Marking

For PE Jacket :



Environmental Specification

Installation temperature range	-40°C~85°C
Storage temperature range	-70°C~85°C
Operating temperature range	-40°C~85°C

Mechanical Specification

Minimum bend radius	19.1mm
Cable Weight	0.050kg/m for PE Jacket 0.057kg/m for Non lead PVC Jacket
Tensile strength	36.3kg

Electrical Properties (At 20°C)

Velocity of propagation	Nom. 84%		
Conductor resistance Inner conductor	Nom. 10.5 Ω/km		
Voltage withstanding	1.5KV rms/1min		
Impedance	Nom. 50 Ω @200MHz		
Capacitance	Nom. 79.0 pF/m		
Insulation resistance	Min. 1,000MΩ-km		
VSWR	Max. 1.3 @30~2500MHz		
Attenuation			
	Frequency	Attenuation	
	MHz	dB/100M, nom.	dB/100ft, nom.
	30	4.6	1.4
	50	5.7	1.7
	150	9.9	3.0
	220	12.0	3.7
	450	17.3	5.3
	900	24.8	7.6
	1500	32.4	9.9
	1800	35.6	10.9
	2000	37.7	11.5
	2500	42.4	12.9
	5800	66.8	20.3

Maximum value is not exceeded 115% of nominal value.

Pb and Cd content for Non lead PVC Jacket

Name of substance	Limit for ppm(mg/kg)	Method
Lead and its compounds (Pb)	<=100	US EPA 3050B
Cadmium and its compounds (Cd)	<=5	US EPA 3050B

Packing

- Both ends of the cable shall be effectively sealed to prevent the entrance of moisture.
- The cable shall be supplied in plywood drum of 500m, then several drums shall be packed in crate.