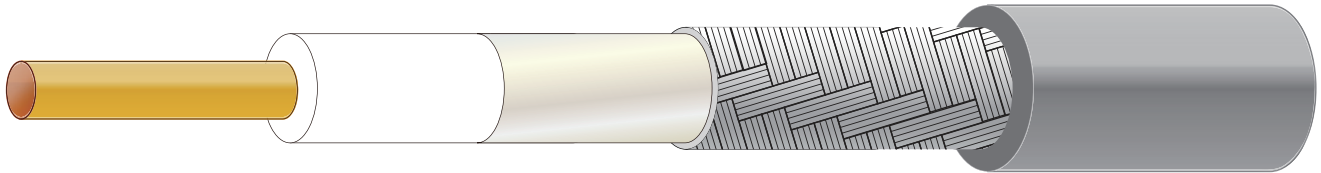
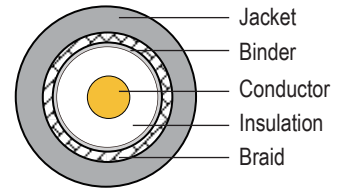


CFD240 COAXIAL CABLE

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.