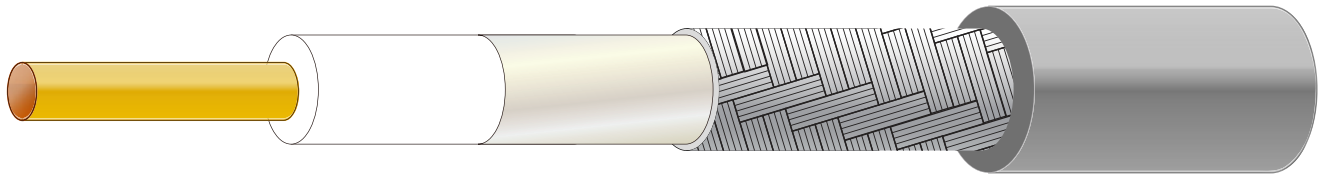
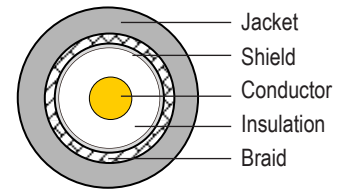


# 2.8D-FB (CFD195-E) COAXIAL CABLE

P/N: DC1951A5BT-E (2.8D-FB)

## Structure Figure



### Conductor

 Material  
Solid Copper Wire

 Diameter  
Approx. 0.94 mm

### Insulation

 Material  
Foam PE

 Diameter  
Approx. 2.79 mm

### Shield

 Material  
Aluminum / PE Tape

### Braid

 Material  
Tinned copper wire

 Coverage  
Approx. 85%

 Diameter  
Approx. 3.4 mm

### Jacket

 Material  
PE

 Color  
Black

 Diameter  
Approx. 4.9 mm

## Electrical Properties (at 20°C ) Mechanical Properties

Description	Specification
Impedance@200MHz (nom)	50 Ω
Voltage withstanding AC	1000 V/1min.
Conductor Resistance (nom.)	24.9 Ω/km
Velocity of propagation (nom.)	76%
Capacitance (nom.)	83 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	12.7 mm
Weight (nom.)	0.031 Kg/m
Tensile strength	18.2 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	6.5	8.4	14.6	17.7	25.5	36.5	47.7	52.5	55.4	62.4	98.1
dB/100ft	1.99	2.57	4.46	5.40	7.78	11.13	14.54	16.01	16.89	19.02	29.91

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