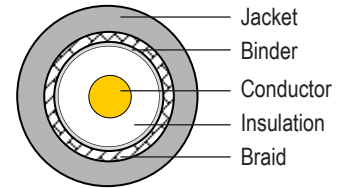
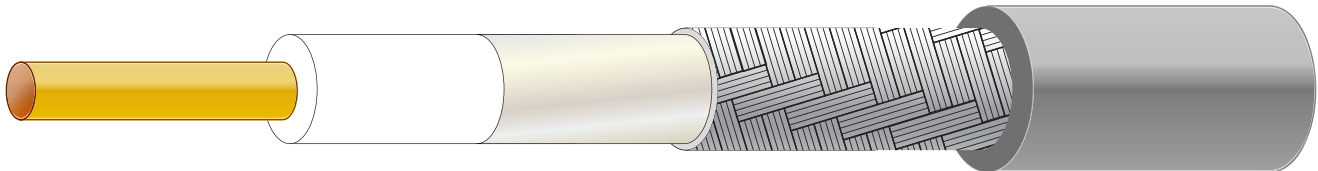


# 2.8D-FB (CFD195) COAXIAL CABLE

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



## Structure Figure



### Conductor

Material  
Solid Copper Wire

Diameter  
Nominal 0.94 mm

### Insulation

Material  
Foam polyethylene

Diameter  
Nominal 2.79 mm

### Binder

Material  
Aluminum/PE Tape

Diameter  
Nominal 2.95 mm

### Single Braid

Material  
Tinned copper wire

Coverage  
85% ↑(Approx.)

Diameter  
Nominal 3.53 mm

### Jacket

Material  
PE

Color  
Black

Diameter  
Nominal 4.95 mm

## Electrical Properties (At 20°C)

Velocity of Propagation	Nom, 76 %	
Conductor resistance		
Inner conductor	Nom. 24.9Ω/km	
Outer conductor	Nom. 16.1Ω/km	
Voltage withstand	1.0KV DC / 1 min	
Impedance	Nom. 50 Ω @200MHz	
Capacitance	Nom. 83.3 pF/m	
Attenuation		
Frequency(MHz)	dB/100m	dB/100ft
30	6.5	1.98
50	8.4	2.56
150	14.6	4.45
220	17.7	5.39
450	25.5	7.77
900	36.5	11.12
1500	47.7	14.54
1800	52.5	16.01
2000	55.4	16.89
2500	62.4	19.02
5800	98.1	29.91

## 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: Installation	12.7mm
Cable Weight	0.032kg/m
Minimum tensile force	18.2kg

## Cable Marking

Cable marking PACIFIC 2.8D-FB 50 OHM COAXIAL CABLE

## Packing

Both ends of the cable shall be effectively sealed to prevent the entrance of moisture. The cable shall be supplied in plywood drum or 500m.