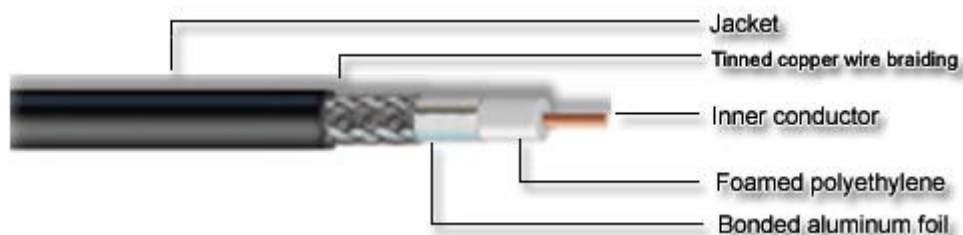


1.APPLICATION:

5D-FB used as a connection cable in the high signal sequences of the wireless and data communication systems where lower attenuation required.

**2.Construction (Diameter: mm)**

Item	5D-FB
Inner conductor	1.8
Dielectric	5.0
Outer conductor	5.7
Jacket	7.5

3.Performance

Item	5D-FB
Min. bending radius (mm)	35
Operating temperature (°C)	-25 °C~ + 70°C~
Installation temperature (°C)	-25 °C~ + 70°C~
Nominal weight (kg/m)	0.08
Flat plate crush resistance (kg/mm ²)	0.54
Tensile strength (kg)	54.5
DC resistance (Ω/km)	Inner conductor (CCA) 6.91 Outer conductor 10.5
Insulation resistance (MΩ/Km)	5000
Dielectric strength (kv)	1.6
Velocity of propagation (%)	82
Peak power rating (kw)	8.8
Cutoff frequency (GHZ)	23
Characteristic impedance (Ω)	50
V.S.W.R	≤1.3
Voltage withstand (VDC)	2000
Capacitance (pF/m)	81
Inductance (μH/m)	0.20
Shielding effectiveness	>90dB
Phase stability	<18ppm/°C

4.Attenuation(@20°C) db/100m

Frequency	5D-FB
150MHz	7.8
200MHz	9.1
280MHz	10.9
350MHz	12.2
400MHz	13.0
800MHz	18.9
900MHz	20.0
1200MHz	24.0
1500MHz	27.2
1900MHz	31.3
2000MHz	32.5
2400MHz	35.8