

Wire & Cable Specification (8D-FB)

Type	8D-FB Coaxial Cable										
Application	High Frequency Signal Transmission										
Description	Φ2.80mm BC +Φ7.8mm FPE + Aluminum Foil + 12x16x0.12mm BC wires 92% coverage braiding +Φ10.8mm PVC sheath										
Conductor	2.80 mm Solid Bare Copper										
Dielectric	Material: 7.8mm Foam PE										
Shield 1 (Foil)	105% Aluminum Foil Shield										
Shield 2 (Braid)	12x16x0.12mm BC wires 92% coverage braiding										
Sheath	Material : PVC / Color : Black										
	Nom. O.D 10.8+/-0.1mm										
	Max. Temperature Rating: 75°C										
Electrical Properties	Conductor Max. D.C Resistance: 8 Ω/km 20°C										
	Nominal Impedance : 50+/-2 Ω										
	Maximum Operating Volts: 3700 V RMS										
	Nominal Velocity of Propogation : 66%										
	Max. Att (dB/100m)	MHz	10	50	100	200	400	700	900	1000	1500
		dB	1.3	3.3	4.6	5.90	8.55	11.80	13.45	14.4	18.05
Packing	100m, 305m,500m, 1000m/wood Spool, with paper-card outer around to protect damage										
Remarks	BC=Bare Copper Wires, FPE=Foam Polyethylene										