

Cable Specification		5D Low Loss Coax Cable
Inner conductor	Diameter	1.8mm
	Material	CCA
Dielectric	Diameter	5.0mm
	Material	Physical foam PE
Outer conductor	AL/PET foil	
	Braid	Wire Dia. 0.18mm
		Mesh 10x24
		Coverage 90%
		Material Tinned Copper
O.D.	5.60mm	
Jacket	O.D.	7.5mm
	Material	PE
	Color	Black
Characteristics		
Min.bending radius	75mm	
Tensile strength	128.6kg	
Impedance	50±2Ω	
Insulation resistance	5000 MΩ /km	
Dielectric strength	1.6 kv	
Inner conductor DC resistance @20°C	1.74Ω /KM	
Outer conductor DC resistance @20°C	3.94Ω /KM	
Velocity of propagation	82%	
Peak power rating	40 kw	
Cutoff frequency	10.3 GHz	
Voltage withstand	DC 4000V	
Capacitance	76.8 pF/m	
Shielding effectiveness	> 90 dB	
Return Loss 0.03-3GHz	14 dB	
Attenuation		
Frequency (MHz)	Attenuation (dB/100m) Normal	
30	2.04	
50	2.52	
150	3.97	
220	4.78	
450	9.93	
900	18.20	
1500	23.60	
1800	26.10	
2000	27.80	
2500	30.50	
3000	34.30	