

LMR600, QD™ 50 Ohm Braided Coaxial Cable, black PE jacket



材料构成--Construction Materials		
Jacket Color	Black	
Jacket Material	Non-halogenated PE	
Braid Material	Tinned copper	
Shield Tape Material	Aluminum	
Dielectric Material	Foam PE	
Inner Conductor Material	Copper-clad aluminum wire	
标注尺寸--Dimensions		
Diameter Over Dielectric	11.560 mm   0.455 in	
Diameter Over Jacket	14.990 mm   0.590 in	
Inner Conductor OD	4.470 mm   0.176 in	
Nominal Size	0.600 in	
Outer Conductor OD	12.500 mm   0.492 in	
电气特性--Electrical Specifications		
Cable Impedance	50 ohm	
Capacitance	76 pF/m   23 pF/ft	
dc Resistance, Inner Conductor	1.740 ohms/km   0.530 ohms/kft	
dc Resistance, Outer Conductor	3.940 ohms/km   1.200 ohms/kft	
dc Test Voltage	5000 V	
Jacket Spark Test Voltage (rms)	8000 V	
Maximum Frequency	10.20 GHz	
Operating Frequency Band	30 – 6000 MHz	
Peak Power	40.0 kW	
Shielding Effectiveness	>90 dB	
Velocity	0.87	
环境参数--Environmental Specifications		
Installation Temperature	-40 °C to +85 °C (-40 °F to +185 °F)	
Operating Temperature	-40 °C to +85 °C (-40 °F to +185 °F)	
Storage Temperature	-70 °C to +85 °C (-94 °F to +185 °F)	
一般特性--General Specifications		
Cable Type	LMR-600	
Braid Coverage	90% braid	
Brand	QD™	
Packaging Type	Reel	
物理特性--Mechanical Specifications		
Bending Moment	3.7 N-m   2.8 ft lb	
Flat Plate Crush Strength	1.1 kg/mm   60.0 lb/in	
Minimum Bend Radius, Single Bend	38.10 mm   1.50 in	
Tensile Strength	159 kg   350 lb	
频响特性--Performance		
Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
30 MHz	1.6	0.49
50 MHz	1.97	0.6
150 MHz	3.2	0.97
220 MHz	3.8	1.17
450 MHz	5.6	1.71
900 MHz	8.2	2.5
1500 MHz	10.8	3.3
1800 MHz	12.1	3.7
2000 MHz	12.8	3.9
2400 MHz	14.44	4.4
2500 MHz	14.8	4.5
3000 MHz	16.4	5
4000 MHz	19.36	5.9
4500 MHz	21	6.4
5000 MHz	22.31	6.8
5200 MHz	22.97	7
5500 MHz	23.62	7.2
5800 MHz	24.28	7.4
6000 MHz	24.93	7.6
认证证书--Regulatory Compliance/Certifications		
Agency	Classification	
RoHS 2002/95/EC	Compliant	