

LMR195, 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 wire	
标注尺寸--Dimensions		
Diameter Over Dielectric	2.790 mm 0.110 in	
Diameter Over Jacket	4.950 mm 0.195 in	
Inner Conductor OD	0.940 mm 0.037 in	
Nominal Size	0.195 in	
Outer Conductor OD	3.500 mm 0.138 in	
电气特性--Electrical Specifications		
Cable Impedance	50 ohm	
Capacitance	80 pF/m 24 pF/ft	
dc Resistance, Inner Conductor	29.940 ohms/km 7.600 ohms/kft	
dc Resistance, Outer Conductor	16.080 ohms/km 4.900 ohms/kft	
dc Test Voltage	1000 V	
Jacket Spark Test Voltage (rms)	3000 V	
Maximum Frequency	37.90 GHz	
Operating Frequency Band	30 – 6000 MHz	
Peak Power	2.5 kW	
Shielding Effectiveness	>90 dB	
Velocity	0.75	
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-195	
Braid Coverage	89% braid	
Brand	QD™	
Packaging Type	Reel	
物理特性--Mechanical Specifications		
Bending Moment	0.3 N-m 0.2 ft lb	
Flat Plate Crush Strength	0.3 kg/mm 15.0 lb/in	
Minimum Bend Radius, Single Bend	12.70 mm 0.50 in	
Tensile Strength	18 kg 40 lb	
频响特性--Performance		
Frequency	Attenuation (dB/100 m)	Attenuation (dB/100 ft)
30 MHz	6.56	2.00
50 MHz	8.53	2.60
150 MHz	14.43	4.40
220 MHz	17.71	5.40
450 MHz	25.58	7.80
900 MHz	36.41	11.10
1800 MHz	52.48	16.00
2500 MHz	62.32	19.00
3000 MHz	68.58	20.91
4000 MHz	79.87	24.35
4500 MHz	85.05	25.93
5000 MHz	89.97	27.43
5200 MHz	91.87	28.01
5500 MHz	94.66	28.86
5800 MHz	97.42	29.70
6000 MHz	99.19	30.24
认证证书--Regulatory Compliance/Certifications		
Agency	Classification	
RoHS 2002/95/EC	Compliant	