

HALOGEN FREE COAXIAL CABLES		RG316-E	
DIMENSIONS			
Center Conductor Diameter			
(inch)			0.019
(mm)			0.49
Dielectric Diameter			
(inch)			0.06
(mm)			1.54
Braid Diameter			
(inch)			0.081
(mm)			2.05
Jacket			
(inch)			0.099
(mm)			2.52
MATERIAL SPECIFICATIONS			
Jacket		PE(Black)	
Braid		SPC (Single Braid)	
Dielectric		SPEX	
Center Conductor		7/0.16mm SPC	
ELECTRICAL CHARACTERISTICS			
Impedance		50 Ohm	
Capacitance (Nominal)			
(pF/ft)			29
(pF/m)			95
Velocity of Propagation (%)		70.1	
Maximum Working Voltage			
(K VRMS)			1
Min Dielectric Strength			
(KV RMS)			3
Typical Attenuation		Attenuation	
Max Power (Watts)			Power
		dB/ 100Ft	
			dB/ 100M
300MHz		13.4	44
600MHz		20.1	65.9
1.2GHZ		30.5	100
1.8GHZ		39	127.9
2.4GHz		46.6	152.8
3GHz		53.9	176.8
3.9GHz		/	/
4.8GHz		/	/
6GHz		/	/
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)		-40/+80	
Min. Bend Radius			
(inch)			0.6
(mm)			15.3
Weight			
(g/Ft)			4.9
(g/M)			16

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.