

HALOGEN FREE COAXIAL CABLES	RG316D-E		
DIMENSIONS			
Center Conductor Diameter			
(inch)	0.019		
(mm)	0.49		
Dielectric Diameter			
(inch)	0.06		
(mm)	1.54		
Braid Diameter			
(inch)	0.098		
(mm)	2.5		
Jacket			
(inch)	0.124		
(mm)	3.16		
MATERIAL SPECIFICATIONS			
Jacket	PE(Black)		
Braid	SPC (Double 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		Power
Max Power (Watts)	dB/ 100Ft	dB/ 100M	
300MHz	13.4	44	164
600MHz	20.1	65.9	116
1.2GHZ	30.2	99.1	82
1.8GHZ	38.7	126.9	67
2.4GHz	46.3	151.9	58
3GHz	53.3	174.8	52
3.9GHz	63.1	207	46
4.8GHz	72.5	237.8	41
6GHz	84.4	276.8	37
MECHANICAL CHARACTERISTICS			
Max. Operating Temperature (°C)	-40/+80		
Min. Bend Radius			
(inch)	0.6		
(mm)	15.3		
Weight			
(g/Ft)	6.4		
(g/M)	21		

This part number complies with RoHS.

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