

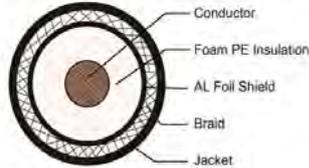


# COAXIAL CABLE

## RG6ODB

### Outdoor Direct Burial

#### Cable Structure



#### Electrical Performance ( 20 °C )

Operation Temperature ( °C )	-20 to +90
Impedance ( Ω )	75±3
Capacitance ( pF/FT )	15.5
Conductor DCR ( Ω /1000FT )	≤28.6
Velocity of Propagation (%)	84
Voltage Rating:	300V

#### Technical Performance

Tested under temp. 20°C (68 °F)

#### Applicable Standard

Reference Standard  
RoHS: Compliant Directive 2011/65/EU

#### Construction & Specifications

- Conductor: 18AWG Copper Clad Steel(CCS) 1.02±0.05mm
- Insulation: Gas Expanded Polyethylene (Foam PE) 4.57±0.05mm
- Shield 1 : Bonded AL/PET Tape, Overlap 18%
- Shield 2: AL-MG Alloy Wire Braid, Coverage 60±1%
- Jacket: Polyethylene Black PE jacket 6.80±0.15mm

#### Jacket Physical Properties

Before Aging Tensile Strength (MPa)	≥ 9.7
Before Aging Elongation (%)	≥ 300
Aging Period ( °C x hrs )	100°C x 24h x 2d
After Aging Tensile Strength (MPa)	≥ 7.25
After Aging Elongation (%)	≥ 225

Frequency ( MHz )	Attenuation ( dB/100m )	Frequency ( MHz )	Attenuation ( dB/100m )
5	2.66	865	20.01
55	5.25	1000	21.49
187	9.35	1450	26.16
300	11.64	1800	29.08
450	14.43	2200	32.13
600	16.73	2500	34.42
750	18.54	3000	39.50

#### Packing

1,000' Reel / /pallet



#### Printing:

PSI DATA RG6/U 18AWG ODB VERIFIED TO CATV SWEPT TO 3.0GHZ 0000FT/1000FT

#### Remarks:

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