

Part No.	Description
----------	-------------

RG6-ZH RG6 Coaxial Cable, Bonded Foil Aluminum Braid, LSOH Sheath



RG6 Coaxial Cable, Bonded Foil Aluminum Braid, LSOH Sheath

Construction:	
1. Center Conductor:	Dia. 1.02 mm Copper Clad Steel (CCS), bonded to Dielectric
2. Dielectric:	Foam polyethylene (HDPE)
Dia. over Dielectric	4.57 mm nom.
3. Shield: Foil.	Aluminum laminated foil, bonded to dielectric
4. Braid:	Aluminum wire
5. Jacket:	Low Smoke and Halogen Free material (DW8523)
	IEC 60332-1, IEC 60332-3-24, IEC 61034-2, IEC 60754-1, IEC 60754-2
Overall Diameter	6.91 mm
Mechanical properties:	
Loaded:	20 times cable O.D.
Unloaded	10 times cable O.D.
Cable Temp. Rating:	-20°C to 70 °C
Electrical properties:	
Sparker Test:	4000 VAC
Dielectric Strength:	Conductor to shield: 2000 VAC
Capacitance:	53 pF/m .nom.
Impedance:	75 ± 3 ohm @5-3000 MHz
Velocity of Propagation:	83 %
DC Resistance:	Inner conductor: 80 ohm/km
	Outer conductor: 42 ohm/km
Structural Return Loss	Guaranteed
5 MHz - 300 MHz	30 dB
300 MHz - 1000 MHz	25 dB
Attenuation:	
@Frequency Range	dB/100 m
5 MHz	1.90
55 MHz	5.25
85 MHz	6.48
250 MHz	10.82
300 MHz	11.64
350 MHz	12.63
400 MHz	13.61
450 MHz	14.43
500 MHz	15.09
550 MHz	16.08
600 MHz	16.73
750 MHz	18.54
870 MHz	20.07
1000 MHz	21.49
2150 MHz	32.50
2400 MHz	34.90
3000 MHz	39.00