

RG6/U 95% Tin Copper Braid LSZH

Coaxial Cable, 75 Ohm, SWB

Construction

Material	Detail	inches	mm
Inner Conductor	Bare Copper	0.0403	1.02
Dielectric	Foamed Polyethylene	0.180	4.57
1 st Outer Conductor	Aluminum/Mylar Foil, 100%	---	---
2 nd Outer Conductor	95% Tin Plated Copper Braid	0.205	5.20
Inner Jacket	Low Smoke Zero Halogen	0.273	6.90
Armour	80% Galvanized Steel Wire	0.313	7.95
Outer Jacket	Low Smoke Zero Halogen	0.397	10.10

Mechanical Specification

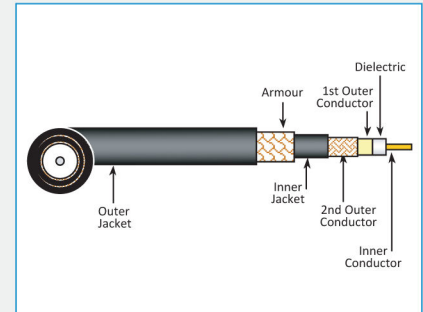
	inches	mm
Minimum Bend Radius	5.96	151.40

Electrical Specification at 20°C

Impedance, Ω	75 \pm 3	
Velocity of Propagation, %	85	
Capacitance, Nominal	16.2 pF/ft	53.2 pF/m
DC Resistance	Ω / kft	Ω / km
Inner Conductor	6.6	21.8
Outer Conductor	3.4	11.2

Ordering Information

P/N	Product Description	P.U
RG6178B	RG6/U 95% Tin Copper Braid PVC SWB	500m/drum
RG6278B	RG6/U 95% Tin Copper Braid LSZH SWB	500m/drum
RG6378B	RG6/U 95% Tin Copper Braid FRNC SWB	500m/drum



Application

RG6 75 Ohm coaxial is used for cable television, satellite television and cable modems. Can expect distances of about 305m - 457m. Steel wire braid provides outdoor protection against harsh handling.

Suitable for high EMI environments.

Fire Rating

- IEC 60332-1, IEC 61034-2, IEC 60754-1/2, IEC 60332-3C(SWB)

Optional

- PVC/ FRNC