

ATS-RG5920-*

RG59/U 20 Awg BC 95% BC Shield (CCTV)



CONSTRUCTION

Physical Dimension Component	Inches	mm
Center Conductor / 20 Awg Bare Copper	0.032	0.81
Dielectric / Foam PE	0.144	3.66
Shield / 95% Bare Copper Wire Braiding	0.168	4.26
Jacket / PVC	0.240	6.10
Nominal Jacket Wall Thickness	0.034	0.86
Jacket Colors: Black, White		

MECHANICAL CHARACTERISTICS

Minimum Bend Radius	Load: 20 Times Cable O.D. Unloaded: 10 Times Cable O.D.
Max Temperature Rating	60°C

ELECTRICAL CHARACTERISTICS

Nominal Impedance	75 +/- 3 Ohms
Nominal Velocity of Propagation	82%
Nominal Capacitance	16.7 pF / FT
DCR of Conductor	10.5 Ohm / 1000FT
DCR of Shield	2.70 Ohm / 1000FT
SRL	23 dB (5 thru 450 MHz) Swept Tested

PACKAGING

1000 FT
Spool in a Box
1000 FT
Wood Reel/

APPROVALS

ISO 9001
UL, cUL, CSA
ETL
UL Listed CMX, CM, CMR
ANS/TIA/EIA 568B.2
NEC/CEC: CMR

ATTENUATION @68°F (20°C)

Frequency (MHz)	Max (dB/100 ft)	Max (dB/100 m)
10	0.84	2.75
50	1.88	6.16
100	2.71	8.89
200	3.94	12.92
400	5.85	19.18
700	8.42	27.61
900	9.83	32.23
1000	10.20	33.44