



ATS-RG6QD-*

RG6/U Quad Shield Coaxial Cable



CONSTRUCTION

Physical Dimension

Component	Inches	mm
Nominal Center Conductor Diameter		
18 Awg Solid Copper Clad Steel	.040	1.02
Nominal Diameter over Dielectric Foam PE	.180	4.57
Nominal Diameter over 1st Shield Bonded AL / Pet / AL Foil	.184	4.67
Nominal Diameter over 2nd Shield AL Wire Braid (60%)	.209	5.31
Nominal Diameter over 3rd Shield AL Foil	.213	5.41
Nominal Diameter over 4th Shield AL Wire Braid (40%)	.238	6.05
Nominal Diameter over Jacket PVC	.297	7.54
Nominal Jacket Wall Thickness	.030	0.75

Jacket Colors: Black, White

MECHANICAL CHARACTERISTICS

Minimum Breaking	.051	180 lbs	82 kgs
Strength of Messenger	.072	365 lbs	166 kgs

ELECTRICAL CHARACTERISTICS

Nominal Impedance	75 +/- 3 Ohms
Nominal Velocity of Propagation	85%

PACKAGING

1000 FT
Spool in a Box
1000 FT
Wood Reel/Carton

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)
5	0.58	1.9
83 / Channel 2	1.95	6.4
211/ Channel 13	3.05	10
400	4.15	13.61
600	5.1	16.73
1000	6.55	21.49
1450	7.98	26.16
1800	8.46	27.73
2250	10	34.03
3000	11.4	37.5



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