



Siechem RG 6 Cable

Application

- ✓ Used as car antenna cable and feeder cable.
- ✓ Automotive inner wiring for communication and Electronic Devices.
- ✓ To route cable Television signals to and within homes
- ✓ Used for base band analog video signals
- ✓ Professional video applications
- ✓ Used in serial digital interference signals
- ✓ Monitoring / Security camera.
- ✓ Improve the Impedance stability
- ✓ Ringing circuit connection between high frequency apparatus.
- ✓ Cables television distribution

Features

- ✓ Low losses.
- ✓ Characteristic Impedance is constant in high frequency domain.
- ✓ Superior in flexibility, workability being lightweight.
- ✓ It is high cover, low loss type.

Product Construction

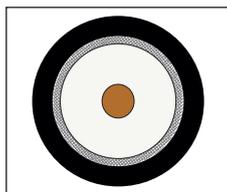
- ✓ Conductor : Annealed Plain Solid Copper Conductor
- ✓ Insulation : Foam HDPE
- ✓ Insulation Colour : White
- ✓ Shielding : Double Sided Aluminium Tape
- ✓ Braiding : ATC
- ✓ Outer Sheath : PVC
- ✓ Sheath Color : Black

Technical Data

- ✓ Temperature Range : - 40°C to +75°C
- ✓ Capacitance at 1 kHz : 16.2pF/ft
- ✓ Characteristic impedance : 75 ± 3 Ω
- ✓ Inductance : 0.106 μH/ft
- ✓ Min. Return loss :
 - 5-1600 MHz : 23dB/m
 - 1600 - 4500MHz : 21dB/m
 - 4500- 6000MHz : 15dB/m
- ✓ Nom. velocity propagation : 82 %
- ✓ Nominal delay : 1.24 ns/ft

Automotive Cables **RG 6**

2D View



Approvals	Accreditations	Certifications

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Part Number	Conductor Construction					Nominal Insulation Wall Thickness	Nom. Core Diameter	Nom. Shielding Wire Dia	Nom. Outer Sheath Thickness	Nom. Overall Diameter	Approx. Cable Weight	Nom. Conductor Resistance at 20°C
	Cable size	No. of Core	No. of Strand	Strands Wire (Max.)	Conductor Diameter (Max.)							
A716810904	18	1	1	1.02	1.02	1.78	4.57	0.120	0.83	6.96	65	21.0

Freq. (MHz)	1	3.58	5	6	7	10	12	25	67.5	71.5	88.5	100	135
Attenuation (dB/100m) Nom.	0.24	0.44	0.52	0.57	0.61	0.71	0.78	1.08	1.65	1.69	1.86	1.95	2.24
Freq. (MHz)	143	180	270	360	540	750	1000	1500	2000	2250	3000	4500	6000
Attenuation (dB/100m) Nom.	2.3	2.57	3.17	3.69	4.5	5.4	6.3	7.8	9.2	9.8	11.5	14.5	17.7

** We have obtained various approvals, accreditations, and certifications — some of which may not be relevant to this catalog.



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