



Siechem RG 174 Co - Axial Cable

Application

- ✓ Coaxial cable used in GPS, WLAN, and cellular communication
- ✓ Coaxial cable to be used as car antenna cable and feeder cable.
- ✓ Automotive inner Wiring for communication and Electronic Devices.
- ✓ Automotive TV/ Radio.
- ✓ Drop Wire, House wiring to indoor.
- ✓ Monitoring / Security camera.
- ✓ Ringing circuit connection between high frequency apparatus.

Product Construction

- ✓ Conductor : Annealed Plain standard Copper Conductor
- ✓ Insulation : Polypropylene (PP)
- ✓ Insulation Colour : Natural
- ✓ Braiding : ATC
- ✓ Outer Sheath : Polyvinylchloride (PVC)
- ✓ Sheath Color : Black

Technical Data

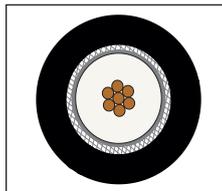
- ✓ Operating temperature : - 40°C to + 105°C
- ✓ Standard : ES 96220-01
- ✓ Characteristic Impedance : 50 ± 3 Ω
- ✓ Nom Capacitance at 1 kHz : 99 pF/m
- ✓ Testing voltage : 2kV AC
- ✓ Max Operating Voltage : 60 V
- ✓ Bending Radius :
 - Single : 5 x cable OD
 - Multiple : 10 x cable OD
- ✓ Stripping force :
 - Conductor to core : 2-17N
 - Shield to Sheath : 8-30N

Features

- ✓ Low loss.
- ✓ Characteristic Impedance is constant in high frequency domain.
- ✓ We are superior in flexibility workability after being lightweight.
- ✓ It is high cover, low loss type.
- ✓ Highly fidelity data transfer.

Automotive Cables **RG 174**

2D View



Approvals	Accreditations	Certifications

Part Number	Conductor Construction					Nominal Insulation Wall Thickness	Core Diameter	Nom. Braiding Wire Dia	Nom. Outer Sheath Thickness	Nom. Overall Diameter	Approx. Cable Weight	Max. Conductor Resistance at 20°C
	Nominal Cross-Section	No. of Core	No. of Strand	Strands Wire (Nom.)	Conductor Diameter (Max.)							
B518A260004	Sq.mm	Nos.	Nos.	mm	mm	mm	mm	mm	mm	mm	kg/km	Ω/km
	0.14	1	7	0.16	0.50	0.52	1.52 ± 0.05	0.10	0.40	2.8 ± 0.10	12	130

Freq. (GHz)	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1
Attenuation (dB/100m) Nom.	14.29	18.25	24.74	28.79	38.89	48.71	51.8	60.26	66.89	84.25	90.32	91.54
Freq. (GHz)	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0	2.1	2.2	2.3
Attenuation (dB/100m) Nom.	96.35	96.95	97.83	98.21	101.2	107.56	110.15	111.65	114.27	118.74	120.91	121.92
Freq. (GHz)	2.4	2.5	2.6	2.7	2.8	2.9	3.0	3.5	4.0	4.5	5.0	6.0
Attenuation (dB/100m) Nom.	123.42	124.24	126.45	129.86	133.08	137.85	140.31	193.89	275.56	281.11	319.44	368.23

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



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