

Siechem RG 178 Coaxial Cable

Application

- ✓ Used as a multi-core signal/control cable used in electronic and communication equipment.
- ✓ Used for internal wiring in electronic devices.
- ✓ Used in Audio/Video connection cables and multimedia devices.

Product Construction

- ✓ Conductor : Silver plated copper covered steel (SCCS)
- ✓ Insulation : Solid PTFE - Black
- ✓ Shield 1 : Silver plated copper
- ✓ Inner sheath : FEP
- ✓ Shield 2 : Silver plated copper
- ✓ Outer sheath : FEP - Black

Technical Data

- ✓ Temperature : -55°C to + 200°C
- ✓ Operating Voltage : 1 kV
- ✓ Characteristic Impedance : 50 ± 5 Ω
- ✓ Nominal capacitance : 96.5 pF/m
- ✓ Velocity of propagation ≈ 70%
- ✓ Inner conductor resistance : 800.5 Ohm/Km
- ✓ Outer conductor resistance : 27.9 Ohm/Km
- ✓ Screening effectiveness : >60 dB

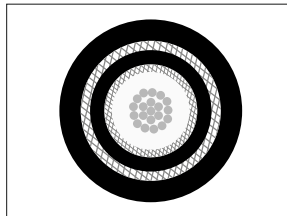
Features

- ✓ Smaller Outer Diameter.
- ✓ Lightweight and easy to handle.
- ✓ Good electrical conductivity for signal transmission.
- ✓ Easy to install.

Automotive Cables

RG 178

2D View



Approvals | Accreditations | Certifications



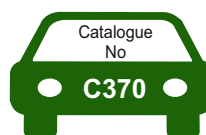
Part Number	Conductor Construction			Core diameter (Nom)	Dia. over Shield 1 (Nom)	Dia. over InnerSheath (Nom)	Dia. over Shield 2 (Nom)	Overall diameter (Nom)	Weight Approx.
	Size	No. of Strands	Strand dia (Nom)						
	Sq. mm	Nos.	mm	mm	mm	mm	mm	mm	kg/km
C370A100404	0.05	7	0.10	1.26	1.26 ± 0.10	1.80 ± 0.10	2.20 ± 0.10	2.85 ± 0.10	24

Note : XX* : Please add last two digits in the part number as per the colour code given hereunder replacing XX while ordering.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07	Brown - 08	White - 09	Orange - 10	Violet - 11
Chocolate - 12	Tan - 13	Charcoal - 14	LT Blue - 15	DK Grey - 16	LT Green - 17	DK Green - 18	DK Blue - 19	Purple - 20	Pink - 21	

Frequency (MHz)	100	400	1000	3000
Attenuation (dB/100m) Nom.	45.3	91.2	145.7	257.2
Attenuation (dB/100ft) Nom.	13.8	27.8	44.4	78.4

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



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