

Siechem Coaxial LMR 195 Cable

Application

- ✓ Suitable for RF signal transmission.
- ✓ RF modules and IOT device.
- ✓ LAN & Data transmission.
- ✓ Aerospace.
- ✓ Defence.
- ✓ Medical Devices.

Product Construction

- ✓ Conductor : Solid Bare Copper Conductor.
- ✓ Insulation : Foamed Polyethylene.
- ✓ Core Identification : As per customer order.
- ✓ Shield : Aluminium Tape (100% Coverage) Duofoil.
- ✓ Braid : ATC (80% Coverage).
- ✓ Outer sheath : PVC - Black.

Technical Data

- ✓ Operating temperature : -40°C to +85°C.
- ✓ Tensile Strength : 18.2Kg.
- ✓ Impedance : 50Ω.
- ✓ Nom. Capacitance : 83.3 pF/m.
- ✓ Velocity of propagation : 80%.
- ✓ Min. Bending radius : 5 x Cable OD, 10 x Cable OD.
- ✓ Cutoff frequency : 41 GHz.
- ✓ Dielectric constant : 1.56 NA.
- ✓ Time Delay : 4.17 ns/m.
- ✓ Inductance : 0.21 μH/m.
- ✓ Shielding Effectiveness : >90 dB.
- ✓ Voltage withstand : 1000 VDC.
- ✓ Jacket spark : 3000 VRMS.
- ✓ Peak power : 2.5 kW.

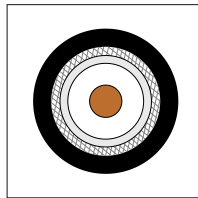
Features

- ✓ Supports high frequency signal.
- ✓ Low VSWR.
- ✓ UV Resistant.
- ✓ Flexible.

Automotive
Cables

PFP 195

2D View



Approvals | Accreditations | Certifications



Part Number	Conductor Construction				Dia. Over Insulation (Nom)	Dia. Over Shield (Nom.)	Braid Thickness (Nom.)	Dia. Over Braid (Nom.)	Outer sheath Thickness (Nom.)	Overall Diameter (Max.)	Weight Approx.	Conductor Resistance at 20°C (Nom.)
	Nom. Cross Section area	No. of Core	No. of Strands	Conductor Diameter (Nom.)								
C998A250004	mm	Nos.	Nos.	mm	mm	mm	mm	mm	mm	mm	Kg/Km	Ω/Km
	0.69	1	1	0.94	2.79	2.95	0.12	3.53	0.6	4.95	30	24.9

Frequency (MHz)	30	50	150	220	450	900	1500	1800	2000	2500	5800
Max. Attenuation (dB/100m)	6.5	8.4	14.6	17.7	25.5	36.5	47.7	52.5	55.4	62.4	98.1

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



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