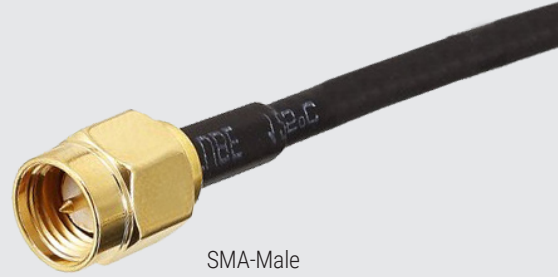




Cel-Fi™ C200-195-20 Coaxial Cable

Smart Cellular Coverage



SMA-Male

Model#: C200-195-20

The C200-195-20 is perfect for connecting a Cel-Fi unit to either a donor or server antenna. Offering a balanced ratio of minimal pathloss and practical cable diameter and bend radius for indoor or outdoor cable runs.

SPECIFICATIONS

CONSTRUCTION SPECIFICATION

Item	Material	Description	Value	Unit
Inner Conductor	Bare Copper	Construction	7x0.32±0.003	mm
		Diameter	0.94	mm
Insulation	Polyethylene	Diameter	2.79±0.10	mm
Outer Conductor	Aluminium foil	Diameter	2.95	mm
Overall Braid	Tinned Annealed Copper Wire	Construction	16/7/0.12	mm
		Diameter	3.53	mm
		Coverage	90	%
Jacket	Polyethylene	Diameter	4.95±0.15	mm

ELECTRICAL SPECIFICATION

Conductor Resistance	Max. 24.9 Ω/km/20°C
Insulation Resistance	Min. 1140 MΩ/km
Nominal Capacitance	79.7 pF/m
Dielectric Strength	AC 1000 V/min
Nominal Impedance	50±3 Ω VSWR (0-6GHz) ≤ 1.59
Nominal Vel. Of Prop.	80%
Bend Radius	Min. 12.7mm

MECHANICAL SPECIFICATION

Connectors	SMA-Male
Operating temperature	-40°C to +85°C
Colour	White

ATTENUATION OF CABLE

Frequency (MHz)	Attenuation (dB/10m)
100	1.2
500	2.5
1000	3.7
2400	6.1
5000	9.7

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