

True connect BRAIDED CABLE 195 TYPE



WIRELESS SUPPLY
HIGHER STANDARDS. SUPERIOR QUALITY.

MODEL # WS-195



Applications include:

- Jumper assemblies
- Cabling for VHF, UHF, 700, 850, PCS, AWS, CBRS and 2.5 Bands
- Replacement for RG-58 and RG-142

Construction Materials and Dimensions

	Material	Solid Bare Copper
Inner Conductor	Diameter, in.	0.037
	Material	Foam PE
Dielectric	Diameter, in.	0.110
	Material	Aluminum Tape
Outer Conductor	Diameter, in.	0,116
	Material	PE
Jacket	Diameter, in.	0.195

Electrical Specifications

Inner conductor DC resistance, Ω /kft	7.600
Outer conductor DC resistance, Ω /kft	4.900
Impedance, Ω	50 \pm 2
Inductance, μ H/ft	0.064
Capacitance, pF/ft	25.4
Propogations velocity, %	80
DC breakdown voltage, kV	1.0
Insulation resistance, M Ω /km	>5X10 ³
Peak Power, kW	2.5
Screening attenuation, dB	>90
Cut-off frequency, GHz	8.80

Attenuation

Frequency	dB/100 ft	dB/100 m
30	2.0	6.5
50	2.5	8.4
150	4.4	14.6
220	5.4	17.7
450	7.8	25.5
900	11.1	36.5
1500	14.5	47.7
1800	16.0	52.5
2000	16.9	55.4
2500	19.0	62.4
5800	29.9	98.1
8000	35.7	117.1

Mechanical Specifications

Bending radius, in.	Single	0.5
	Repeated	2.00
Tensile strength, lbs.		40
Crush resistance, lb/in.		15
Bending moment, ft lb.		0.2
Storage Temperature, °F		-94~+185
Installation Temperature, °F		-40~+185
Operating Temperature, °F		-40~+185

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