

# True connect BRAIDED CABLE 600 TYPE



**MODEL # WS-600**

**Applications include:**

- Jumper assemblies
- Cabling for VHF, UHF, 700, 850, PCS, AWS, CBRS and 2.5 Bands
- Replacement for LMR-600



Construction Materials and Dimensions		
Inner Conductor	Material	SCCA
	Diameter, in.	0.176
Dielectric	Material	Foam PE
	Diameter, in.	0.455
Outer Conductor	Material	Aluminum Tape
	Diameter, in.	0.461
Jacket	Material	PE
	Diameter, in.	0.590

Electrical Specifications	
Inner conductor DC resistance, $\Omega$ /kft	0.530
Outer conductor DC resistance, $\Omega$ /kft	1.200
Impedance, $\Omega$	50 $\pm$ 2
Inductance, $\mu$ H/ft	0.058
Capacitance, pF/ft	23.4
Propogations velocity, %	87
DC breakdown voltage, kV	4.0
Insulation resistance, M $\Omega$ /km	>5X10 <sup>3</sup>
Peak Power, kW	40
Screening attenuation, dB	>90
Cut-off frequewncy, GHz	8.80

Attenuation		
Frequency	dB/100 ft	dB/100 m
30	0.4	1.4
50	0.5	1.8
150	1.0	3.2
220	1.2	3.9
450	1.7	5.6
900	2.5	8.2
1500	3.3	10.9
1800	3.7	12.1
2000	3.9	12.8
2500	4.4	14.5
5800	7.3	23.8
8000	8.8	29.0

Mechanical Specifications		
Bending radius, in.	Single	1.50
	Repeated	6.00
Tensile strength, lbs.		350
Crush resistance, lb/in.		60
Bending moment, ft lb.		2.8
Storage Temperature, °F		-94~+185
Installation Temperature, °F		-40~+140
Operating Temperature, °F		-67~+185