

# True connect BRAIDED CABLE 600 TYPE



**WIRELESS SUPPLY**  
HIGHER STANDARDS. SUPERIOR QUALITY.

**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

[www.wirelessupply.com](http://www.wirelessupply.com)

© 2019 All rights reserved. Proprietary information. Wireless Supply reserves the right to modify or amend specifications without prior notice