

True connect BRAIDED CABLE 400 TYPE



MODEL # WS-400



Applications include:

- Jumper assemblies
- Cabling for VHF, UHF, 700, 850, PCS, AWS, CBRS and 2.5 Bands
- Replacement for RG-8 and LMR-400

Construction Materials and Dimensions		
Inner Conductor	Material	SCCA
	Diameter, in.	0.108
Dielectric	Material	Foam PE
	Diameter, in.	0.285
Outer Conductor	Material	Aluminum Tape
	Diameter, in.	0.291
Jacket	Material	PE
	Diameter, in.	0.405

Electrical Specifications	
Inner conductor DC resistance, Ω /kft	1.390
Outer conductor DC resistance, Ω /kft	1.650
Impedance, Ω	50 \pm 2
Inductance, μ H/ft	0.06
Capacitance, pF/ft	23.9
Propogations velocity, %	85
DC breakdown voltage, kV	2.5
Insulation resistance, M Ω /km	>5X10 ³
Peak Power, kW	16
Screening attenuation, dB	>90
Cut-off frequewncy, GHz	8.80

Attenuation		
Frequency	dB/100 ft	dB/100 m
30	0.7	2.2
50	0.9	2.9
150	1.5	5.0
220	1.9	6.1
450	2.7	8.9
900	3.9	12.8
1500	5.1	16.8
1800	5.7	18.6
2000	6.0	19.6
2500	6.8	22.2
5800	10.8	35.5
8000	13.0	42.7

Mechanical Specifications		
Bending radius, in.	Single	1
	Repeated	4.00
Tensile strength, lbs.		160
Crush resistance, lb/in.		40
Bending moment, ft lb.		0.5
Storage Temperature, °F		-94~+185
Installation Temperature, °F		-40~+140
Operating Temperature, °F		-67~+185