

True connect BRAIDED CABLE 240 TYPE



MODEL # WS-240

Applications include:

- Jumper assemblies
- Cabling for VHF, UHF, 700, 850, PCS, AWS, CBRS and 2.5 Bands
- Replacement for RG-8X and LMR-240

Construction Materials and Dimensions		
Inner Conductor	Material	Solid Bare Copper
	Diameter, in.	0.056
Dielectric	Material	Foam PE
	Diameter, in.	0.150
Outer Conductor	Material	Aluminum Tape
	Diameter, in.	0.155
Jacket	Material	PE
	Diameter, in.	0.240

Electrical Specifications	
Inner conductor DC resistance, Ω /kft	3.200
Outer conductor DC resistance, Ω /kft	3.890
Impedance, Ω	50 \pm 2
Inductance, μ H/ft	0.06
Capacitance, pF/ft	24.2
Propogations velocity, %	84
DC breakdown voltage, kV	1.5
Insulation resistance, $M\Omega$ /km	>5X10 ³
Peak Power, kW	5.6
Screening attenuation, dB	>90
Cut-off frequency, GHz	8.80

Attenuation		
Frequency	dB/100 ft	dB/100 m
30	1.3	4.4
50	1.7	5.7
150	3.0	9.9
220	3.7	12.0
450	5.3	17.3
900	7.6	24.8
1500	9.9	32.4
1800	10.9	35.6
2000	11.5	37.7
2500	12.9	42.4
5800	20.4	66.8
8000	24.3	79.7

Mechanical Specifications		
Bending radius, in.	Single	0.75
	Repeated	2.50
Tensile strength, lbs.		80
Crush resistance, lb/in.		20
Bending moment, ft lb.		0.3
Storage Temperature, °F		-94~+185
Installation Temperature, °F		-40~+140
Operating Temperature, °F		-67~+185