TWS-195-UOC Bulk Coaxial Low Loss Cable
SKU 272847

Construction Specifications		
	Material	Diameter in/mm
Inner Conductor	Solid Copper	0.037“ / 0.94±0.02
Dielectric	Physical Foam Polyethylene	0.11“ / 2.79±0.15
Outer Conductor	Unbonded Aluminum Foil + Tinned Copper Braid	0.139” / Nom.3.53
Jacket	PVC	0.195 / 4.95±0.20
Jacket Marking	LL-195B	

Electrical Characteristics	
Capacitance (pF/ft)	25.4
Impedance (ohm)	50
Velocity (%)	80
Inner Conductor DC Resistance (Ω/1000ft)	< 8.15
Outer Conductor DC Resistance (Ω/1000ft)	< 5.0
Jacket Spark (VAC)	3000
Peak Power (kW)	2.5
Voltage Withstand (VDC)	1500

Mechanical and Environmental Characteristics	
Min. Bend Installation Radius in/mm	0.98” / 25
Min. Bend Repeated Radius in/mm	1.97” / 50
Bending Movement ft-lb (N-m)	0.25 / 0.34
Operating Temperature	-40F to +185F -40C to +80C
Storage Temperature	-40F to +185F -40C to +80C
Installation Temperature	-40 F to +185 F -40C to +80C
RoHS / REACH	Compliant
Return Loss ≤ dB (0.03~3000MHz)	-18

Ventev's TWS-195 series cable is designed for easy installation with maximum flexibility where curves, bends and twists rule out the use of standard hardline transmission cables. The cable is constructed of a PVC jacket providing maximum durability and protection from harsh elements and is designed for any application requiring high-quality, flexible cabling such as Wi-Fi, WLAN, WLL, GPS, WISP, WiMAX, SCADA and mobile applications.

Ventev's bulk cable has been evaluated for compliance with the Reduction of Hazardous Substances (RoHS) Directive 2002/95 and have been determined to not contain substances in excess of RoHS Maximum Concentration Levels.

All Ventev cable is covered by the company’s 7-year warranty.

For questions or to purchase product, contact Ventev:
800-851-4965 or sales@ventev.com

Attenuation at (20°C / 68°F) at Sea Level	
Frequency MHz	Max Attenuation dB/100Ft
150	4.4
220	5.4
450	7.8
700	9.8
750	10.2
800	10.5
900	11.1
1500	14.5
1800	16.0
2000	16.9
2500	19.0
5800	31.5
6000	37.0
6300	37.8
6600	38.9
6900	39.9
7300	41.0