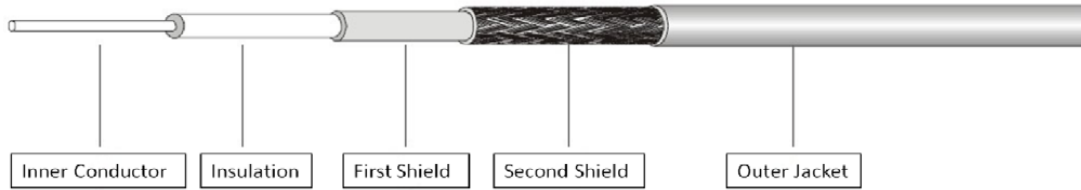


TWS-195 Bulk Coaxial Cable



Construction Specifications		
	Material	Diameter (in)
Inner Conductor	Bare Copper	0.037"
Dielectric	Physical Foam Polyethylene	0.109"
Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	Nominal 0.139"
Jacket Material	Black LDPE	0.195"

Electrical Characteristics	
Capacitance (pF/ft)	25.4
Impedance (ohm)	50
Velocity (%)	76
Inner Conductor DC Resistance (Ω/1000ft)	< 8.15
Outer Conductor DC Resistance (Ω/1000ft)	< 5.0
Jacket Spark (VAC)	5000
Peak Power (kW)	2.5

Mechanical and Environmental Characteristics	
Min. Bend Installation Radius in	0.5"
Min. Bend Repeated Radius in	2.0"
Operating Temperature	-40°C to +80°C
Storage Temperature	-40°C to 125°C
Installation Temperature	-40°C to 85°C
Return Loss ≤ dB (0.03~3000MHz)	≤-18 dB

Part Number	TWS-195
Sku	340638

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 UV resistant polyethylene 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 cable is compatible with a wide variety of connectors and is ideal for any off-the-shelf or customized cable assembly.

Attenuation (68° F) and Avg. Power (104°F) At Sea Level		
Frequency (MHz)	Max Attenuation dB/100 ft	Max Attenuation dB/100m
150	4.8	15.9
220	5.9	19.2
450	8.5	27.8
700	10.8	35.4
750	11.2	36.8
800	11.6	38.1
900	12.3	40.5
1500	16.3	53.4
1800	18.1	59.4
2000	19.1	62.8
2500	21.9	71.7
5800	34.7	114.0
6000	35.9	117.7
6300	36.6	120.1
6600	38.3	125.6
6900	39.1	128.4
7300	40.8	133.9



TWS-195 Bulk Coaxial Cable

Connectors for TWS-195 Series Cable

Part Number	SKU	Description
CON-01-195	488984	RPTNC Female
CON-02-195	463990	RPTNC Male
CON-02RA-195	308167	Right Angle RPTNC Male
CON-03-195	487973	RPTNC BH Female
CON-04-195	496905	TNC Female
CON-05-195	423926	TNC Male
CON-06-195	466951	N Female
CON-07-195	430967	N Male
CON-08-195	451950	N BH Female
CON-10-195	469946	RP N Male
CON-11-195	431978	BNC Female
CON-11-195-BH	362963	BNC BH Female
CON-12-195	415977	BNC Male
CON-17-195	486992	SMA Female
CON-18-195	488957	SMA Male
CON-18-195-RA	419972	RA SMA Male
CON-19-195	475930	RPSMA Female
CON-19-195-RA	444926	RA RPSMA Female
CON-20-195	432900	RPSMA Male
CON-23-195	453939	SMA BH Female
CON-30-195	303878	RPSMA BH Female
CON-19-195-CCP	358950	RPSMA Female with CCP
CON-20-195-CCP	368457	RPSMA Male with CCP

Tools for TWS- 195 Series Cable

Part Number	SKU	Description
HT-336P1	452919	Crimp Tool (RG 58, 59, 62, 6)
HT-336A	487941	Crimp Tool (RG 58, 59, 62)
HT-312B	490947	3 Blade Strip Tool

