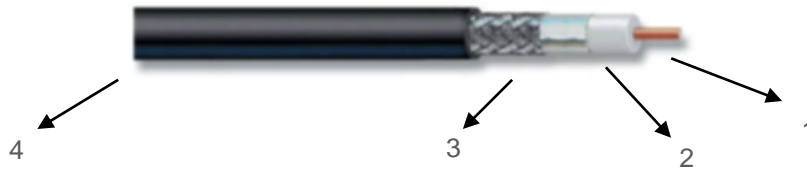


TWS-400 Bulk Coaxial Cable



Construction Specifications		
	Material	Diameter (in)
1. Inner Conductor	Copper Clad Aluminum	0.108"
2. Dielectric	Physical Foam Polyethylene	0.285"
3. Outer Conductor	Bonded Aluminum Foil + Tinned Copper Braid	Nominal 0.32"
4. Jacket	Black Polyethylene	0.40"

Part Number	TWS-400
Tessco Sku	380348

Ventev's TWS-400 series cable is designed for easy installation. With maximum flexibility where curves, bends and twists exist, the cable eliminates the need for hardline transmission cables. Constructed of a UV resistant polyethylene jacket, it provides maximum durability and protection from harsh elements. The 400 series cable is ideal for any application requiring high-quality, flexible cabling such as WLL, GPS, WLAN, WISP, WiMax, SCADA and mobile applications. Compatible with a variety of Ventev connectors and can be used for an off-the-shelf cable assembly or customized cable assembly.

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

For more information or to purchase, contact Ventev:
800.851.4965 or sales@ventev.com

Electrical Characteristics	
Capacitance (pF/ft)	23.9
Impedance (ohm)	50
Velocity (%)	85
Inner Conductor DC Resistance (Ω/1000ft)	< 1.39
Outer Conductor DC Resistance (Ω/1000ft)	< 1.85
Jacket Spark (VAC)	5000
Peak Power (kW)	16

Mechanical and Environmental Characteristics	
Min. Bend Installation Radius in	1.0"
Min. Bend Repeated Radius in	4.0"
Operating Temperature	-40°C to +80°C
Storage Temperature	-55°C to +80°C
Installation Temperature	-40°C to +80°C
Return Loss ≤ dB (0.03~3000MHz)	≤-18 dB

Attenuation at (20°C / 68°F) at Sea Level	
Frequency MHz	Max Attenuation dB/100Ft
30	0.9
50	1.1
150	1.8
220	2.1
450	2.8
700	3.5
800	3.8
900	4.0
1500	5.4
1800	6.0
2000	6.3
2500	7.1
3000	7.9
3500	8.6
5800	11.9
6000	12.1
6300	12.2
6600	12.4
6900	12.5
7300	13.3

TWS-400 Bulk Coaxial Cable

Connectors for TWS-400 Series Cable

Part Number	Tessco Sku	Description
CON-01-400	440939	RPTNC Female
CON-02-400	416952	RPTNC Male
CON-03-400	452950	RPTNC BH Female
CON-04-400	493911	TNC Female
CON-05-400	415903	TNC Male
CON-06-400	422933	N-Style Female
CON-07-400	462958	N-Style Male
CON-07-400-RA	436949	RA N-Style Male
CON-08-400	483983	N-Style BH Female
CON-11-400	488953	BNC Female
CON-12-400	443916	BNC Male
CON-17-400	479910	SMA Female
CON-18-400	451992	SMA Male
CON-19-400	432923	RPSMA Female
CON-20-400	464918	RPSMA Male
CON-01-400-CP	389624	RPTNC Female with CCP
CON-02-400-CP	389434	RPTNC Male with CCP
CON-05-400-CP	367873	TNC Male with CCP
CON-06-400-CP	346020	N-Style Female
CON-07-400-CP	346795	N-Style Male
CON-07-400-CP-HEX	348407	N-Style Male Hex Head with CCP
CON-20-400-CP	318283	RPSMA Female with CCP

Tools for TWS-400 Series Cable

Part Number	Tessco Sku	Description
HT-106L	316485	Crimp Tool
HT-322S3	435904	3-Blade Strip Tool
TWS-CTK-400	372317	3-Blade Strip and Crimp Tool Kit