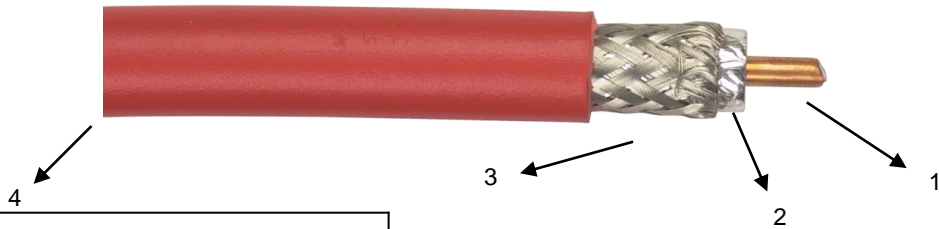


TWS-400-P (Plenum) Bulk Coaxial Cable



Part Number	TWS-400-PLEN
Tessco Sku	511479

Ventev's 400 Series Plenum Cable is ideal for indoor Plenum requirements such as those found in dropped ceilings and raised floors. All Ventev Plenum cable is UL Listed and carries the CMP rating. Similar to the Ventev low-loss coaxial braided cable, the Plenum cable retains high flexibility while offering minimal signal loss. Using an orange fire retardant PVC jacket, Plenum cable has excellent shielding properties using dual-ply outer conductors achieving >90dB effectiveness. The Ventev Plenum cable can be ordered in bulk and is available in standard and custom cable assemblies.

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

Construction Specifications		
	Material	Diameter (in)
1. Inner Conductor	Copper clad aluminum	0.11
2. Dielectric	Foam FEP	0.281
3. Outer Conductor	Bonded aluminum laminated tape + Tinned copper wire braid	0.312
4. Jacket	Orange plenum rated flame retardant PVC	0.405

Electrical Characteristics	
Capacitance (pF/ft)	78 (pF/m)
Impedance (ohm)	50 Ω
Velocity (%)	85%
Inner Conductor DC Resistance (Ω/1000ft)	1.8 (Ω/1000 ft)
Outer Conductor DC Resistance (Ω/1000ft)	2.2 (Ω/1000 ft)
Jacket Spark (VAC)	8000 VAC
Peak Power (kW)	16 kW

Mechanical and Environmental Characteristics	
Min. Bend Radius (in)	2.05"
Pulling Strength (N)	540
Operating Temperature	-20° C to +75° C
Storage Temperature	-20° F to +75° C
Installation Temperature	-5° C to +60° C
RoHS / REACH	Compliant

Attenuation (68° F) and Avg. Power (104°F) At Sea Level		
Frequency (MHz)	Max Attenuation dB/100 ft	Max Attenuation dB/100m
30	0.9	2.9
50	1.0	3.5
150	1.7	5.6
220	2.1	6.9
450	3.1	10.4
700	4.1	13.6
800	4.4	14.7
900	4.7	15.8
1500	6.4	21.6
1800	7.2	24.3
2000	7.6	25.8
2500	8.8	29.7
3000	9.8	33.2
3500	10.8	36.7
5800	14.9	51.1
6000	15.4	52.7
6300	15.8	54.2
6600	16.5	56.9
6900	16.8	58.0
7300	17.8	61.8

TWS-400-P (Plenum) Bulk Coaxial Cable

Connectors for TWS-400UF Cable

Part Number	Tessco Sku	Description
CON-01-400	440939	RPTNC Jack (M)
CON-02-400	416952	RPTNC Plug (F)
CON-03-400	452950	RPTNC BH Jack (M)
CON-04-400	493911	TNC Jack (F)
CON-05-400	415903	TNC Plug (M)
CON-06-400	422933	N-Style Jack (F)
CON-07-400	462958	N-Style Plug (M)
CON-07-400-RA	436949	RA N-Style Plug (M)
CON-08-400	483983	N-Style BH Jack (F)
CON-11-400	488953	BNC Jack (F)
CON-12-400	443916	BNC Plug (M)
CON-17-400	479910	SMA Jack (F)
CON-18-400	451992	SMA Plug (M)
CON-19-400	432923	RPSMA Jack (M)
CON-20-400	464918	RPSMA Plug (F)
CON-01-400-CP	389624	RPTNC Jack (M) with CCP
CON-02-400-CP	389434	RPTNC Plug (F) with CCP
CON-05-400-CP	367873	TNC Plug (M) with CCP
CON-06-400-CP	346020	N-Style Jack (F)
CON-07-400-CP	346795	N-Style Plug Plug (M)
CON-07-400-CP-HEX	348407	N-Style Plug (M) Hex Head with CCP
CON-19-400-CP	368412	RPSMA Jack (M) with CCP
CON-20-400-CP	318283	RPTNC Jack (M) with CCP

Tools for TWS-400UF 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