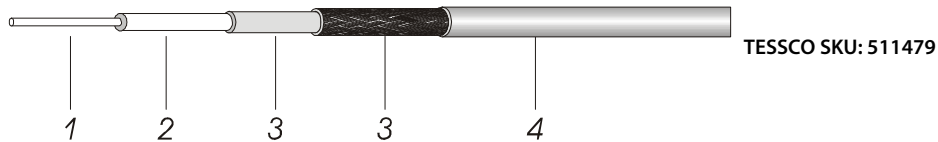


## TWS-400-P Plenum Bulk Coaxial Cable

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. Ventev Plenum cable is compatible with a wide variety of Ventev Terrawave connectors. For questions or to purchase product, contact your Regional Sales Executive at 210-375-8482, 800-851-4965 or sales@ventev.com.



### Construction Specifications

	Material	Diameter
Inner Conductor	Solid Bare Copper	0.109"
Dielectric	Form FEP	0.281"
Outer Conductor	Aluminum Foil + Tinned Copper Braid	0.312"
Jacket	Orange FRPVC	0.405"

### Electrical Characteristics

Capacitance	81.5 pF/ft
Impedance	50 Ω
Velocity	76%
Inner Conductor DC Resistance	< 5.9 (Ω/1000 ft)
Outer Conductor DC Resistance	< 7.2 (Ω/1000 ft)
Shielding Effectiveness	> 90 dB
Inductance	0.22 μH/ft
Jacket Spark	8000 VAC
Cut off Frequency	15.0 GHz
Peak Power	16 kW

### Mechanical and Environmental Characteristics

Installation Bend Radius	1
Repeated Bend Radius	4
Weight	0.07 lb
Operating Temperature	23° F to +167° F
Installation Temperature	23° F to +167° F
Storage Temperature	23° F to +167° F

### General Information

Warranty	7 Years
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### Attenuation (68° F) and Avg. Power (104°F) At Sea Level

Frequency MHz	Typical Attenuation dB/100 ft	Average Power kW
30	3.2	3.33
50	4.2	2.57
150	7.4	1.48
220	8.9	1.22
450	12.9	0.84
900	18.4	0.59
1500	23.9	0.45
1800	26.5	0.41
2000	27.9	0.39
2500	31.4	0.34
5800	50.0	0.22

# TWS-400-P Plenum Bulk Coaxial Cable

## > Connectors for TWS-400-P Series Cable

TESSCO SKU	TerraWave Part Number	Product Description
440939	CON-01-400	RPTNC Jack (M)
416952	CON-02-400	RPTNC Plug (F)
452950	CON-03-400	RPTNC BH Jack (M)
493911	CON-04-400	TNC Jack (F)
415903	CON-05-400	TNC Plug (M)
422933	CON-06-400	N-Style Jack (F)
462958	CON-07-400	N-Style Plug (M)
436949	CON-07-400-RA	RA N-Style Plug (M)
483983	CON-08-400	N-Style BH Jack (F)
452992	CON-09-400	RP N-Style Jack (M)

TESSCO SKU	TerraWave Part Number	Product Description
498921	CON-10-400	RP N-Style Plug (F)
488953	CON-11-400	BNC Jack (F)
443916	CON-12-400	BNC Plug (M)
499992	CON-13-400	RPBNC Jack (M)
466931	CON-14-400	RPBNC Plug (F)
430910	CON-15-400	RPBNC BH Jack (M)
479910	CON-17-400	SMA Jack (F)
451992	CON-18-400	SMA Plug (M)
432923	CON-19-400	RPSMA Jack (M)
464918	CON-20-400	RPSMA Plug (F)

TESSCO SKU	TerraWave Part Number	Product Description
389624	CON-01-400-CP	RPTNC Jack (M) with CCP
389434	CON-02-400-CP	RPTNC Plug (F) with CCP
367873	CON-05-400-CP	TNC Plug (M) with CCP
346020	CON-06-400-CP	N-Style Jack (F)
346795	CON-07-400-CP	N-Style Plug (M)
348407	CON-07-400-CP-HEX	N-Style Plug (M) Hex Head w CCP
368412	CON-19-400-CP	RPSMA Jack (M) with CCP
318283	CON-20-400-CP	RPSMA Plug (F) with CCP



RPTNC Jack (M)  
with CCP

## > Tools for TWS-400-P Series Cable

TESSCO SKU	TerraWave Part Number	Description
316485	HT-106L	Crimp Tool
449946	HT-322C1	2-Blade Strip Tool
435904	HT-322S3	3-Blade Strip Tool
372317	TWS-CTK-400	3-Blade Strip and Crimp Tool Kit



HT-106L Crimp Tool

## > Connector Adapters for TWS-400-P Series Cable

TESSCO SKU	TerraWave Part Number	Product Description
467986	RPTNCJACK-NPLUG	RPTNC Jack (M) to N-Style Plug (M)
327423	RPTNCJ-RPSMAP	RPTNC Jack (M) to RPSMA Plug (F)
323264	RARPTNCJ-RPTNCP	RA RPTNC Jack (M) to RPTNC Plug (F)
413999	RPTNCP-NJ	RPTNC Plug (F) to N-Style Jack (F)
424971	RPTNCP-NP	RPTNC Plug (F) to N-Style Plug (M)
315485	RPTNCP-RPSMAJ	RPTNC Plug (F) to RPSMA Jack (M)
424995	NJACK-NJACK	N-Style Jack (F) to N-Style Jack (F)
314245	NM-NM	N-Style Plug (M) to N-Style Plug (M)
359936	NP-NJ	N-Style Plug (M) to N-Style Jack (F)
312060	SMAP-TNCJ	SMA Plug (M) to TNC Jack (F)
437905	AXA-SMSM	SMA Jack (F) to SMA Jack (F)
329231	RPSMAJ-NP	RPSMA Jack (M) to N-Style Plug (M)
355352	RPSMAP-RARPSMAJ	RPSMA Plug (F) to Right Angle RPSMA Jack (M)
329153	RPSMAP-NJ	RPSMA Plug (F) to N-Style Jack (F)
399662	RPSMAP-RPSMAJ	RPSMA Plug (F) to RPSMA Jack (M)
319095	RPSMAP-RPSMAP	RPSMA Plug (F) to RPSMA Plug (F)



RA RPTNC Jack (F)  
to RPTNC Plug (M)

