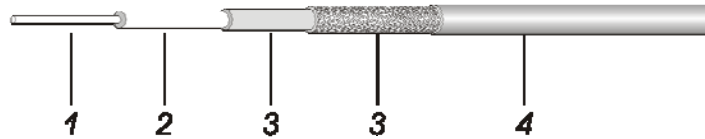




## TWS-240-P Plenum Bulk Coaxial Cable

The Ventev 240 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 Terrawave connectors. *For questions or to purchase product, contact your Regional Sales Executive at 210-375-8482, 800-851-4965 or sales@terra-wave.com.*



Construction Specifications		
	Material	Diameter
Inner Conductor	Solid Bare Copper (inches)	0.062"
Dielectric	Foam FEP (inches)	0.156"
Outer Conductor	Aluminum Foil + Tinned Copper Braid (inches)	0.172"
Jacket	Orange FRPVC	0.234"

Electrical Characteristics	
Capacitance	82.5pF/ft
Impedance	50 Ω
Velocity	76%
Inner Conductor DC Resistance	< 3.5 (Ω/1000 ft)
Outer Conductor DC Resistance	< 4.27 (Ω/1000 ft)
Shielding Effectiveness	> 90 dB
Inductance	0.22 μH/ft
Jacket Spark	3000 VAC
Cut off Frequency	28.0 GHz
Peak Power	5.6 kW

Mechanical and Environmental Characteristics	
Installation Bend Radius	0.75"
Repeated Bend Radius	2.5"
Weight	0.07 lb
Operating Temperature	23 to +167
Installation Temperature	23 to +167
Storage Temperature	23 to +167

General Information	
Warranty	7 Years



Attenuation (68° F) and Avg. Power (104°F) At Sea Level		
Frequency MHz	Typical Attenuation dB/100m	Average Power kW
30	5.8	1.18
50	7.5	0.91
150	13.1	0.52
220	15.8	0.43
450	22.9	0.30
900	32.5	0.21
1500	42.2	0.16
1800	46.4	0.15
2000	49.0	0.14
2500	55.0	0.12
3400	64.5	0.10
5800	85.3	0.08

# TWS-240-P Plenum Bulk Coaxial Cable

## > Connectors for TWS-240-P Series Cable

TESSCO SKU	TerraWave Part Number	Product Description
354039	CON-01-240	RPTNC Jack (F)
394461	CON-02-240	RPTNC Plug (M)
394258	CON-04-240	TNC Jack (F)
384028	CON-05-240	TNC Plug (M)
354507	CON-06-240	N-Style Jack (F)
373491	CON-07-240	N-Style Plug (M)
374477	CON-11-240	BNC Jack (F)
384862	CON-12-240	BNC Plug (M)

TESSCO SKU	TerraWave Part Number	Product Description
344496	CON-13-240	RPBNC Jack (F)
344757	CON-14-240	RPBNC Plug (M)
304759	CON-17-240	SMA Jack (F)
315399	CON-18-240	SMA Plug (M)
304340	CON-19-240	RPSMA Jack (F)
364735	CON-20-240	RPSMA Plug (M)
394980	CON-30-240	RPSMA BH Jack (F)
394841	CON-35-240	UHF Plug (M)

TESSCO SKU	TerraWave Part Number	Product Description
349804	CON-01-240-CP	RPTNC Jack (M) with CCP
319200	CON-02-240-CP	RPTNC Plug (F) with CP
348825	CON-07-240-CP-HEX	N-Style Plug (M) Hex Head with CP
318734	CON-18-240-CP	SMA Plug (M) with CP
368720	CON-18RA-240-CP	Right Angle SMA Plug (M) with CP
368587	CON-19-240-CP	RPSMA Jack (M) with CP
338804	CON-20-240-CP	RPSMA Plug (F) with CP



RPTNC Jack (M)  
with CCP

## > Tools for TWS-240-P Series Cable

TESSCO SKU	TerraWave Part Number	Description
487941	HT-336A	Crimp Tool for TWS-195, TWS-200 & TWS-240



## > Connector Adapters for TWS-240-P Series Cable

TESSCO SKU	TerraWave Part Number	Product Description
323264	RARPTNCJ-RPTNCP	RA RPTNC Jack (F) to RPTNC Plug (M)
467986	RPTNCJACK-NPLUG	RPTNC Jack (F) to N-Style Plug (M)
413999	RPTNCP-NJ	RPTNC Plug (M) to N-Style Jack (F)
424971	RPTNCP-NP	RPTNC Plug (M) to N-Style Plug (M)
315485	RPTNCP-RPSMAJ	RPTNC Plug (M) to RPSMA Jack (F)
424995	NJACK-NJACK	N-Style Jack to N-Style Jack (F)
485981	NM-NM	N-Style Plug (M) to N-Style Plug (M)
312060	SMAP-TNCJ	SMA Plug (M) to TNC Jack (F)
437905	AXA-SMSM	SMA Jack (F) to SMA Jack (F)



N-Style Plug (M) to  
N-Style Plug (M)



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