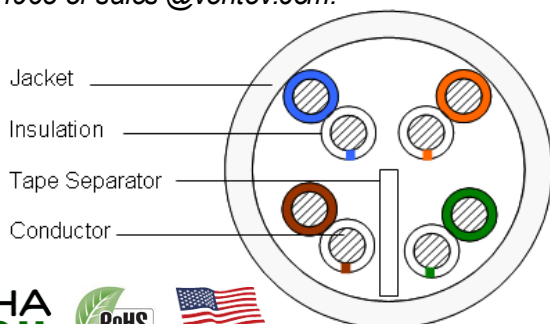


Category 6, U/UTP, Plenum, Blue Jacket, 4 Pair, 1000'

Covered by Ventev's one-year TerraNet warranty program. For questions or to purchase product, contact Ventev: 800-851-4965 or sales @ventev.com.



ELECTRICAL SPECIFICATIONS	
Mutual Capacitance	4.6 nF/100m nominal
dc Resistance, Unbalance	6.66 ohms/100m Max/2.5% Max
Dielectric Breakdown	2500 Volts DC Conductor to Conductor
Propogation Delay	4.59nSec /m Max @ 10MHz
Propogation Delay Skew	<= 45ns/100m
Nominal Velocity of Propagation (NVP)	73%

SKU 270803	
Ventev Product Number	VEN-6UUTP-Plenum
CONSTRUCTION MATERIALS	
Jacket Material	Flex PVC
Conductor Material	Solid Copper
Insulation Material	FEP, PE
Separator Material	Separator Tape
AWG	24

DIMENSIONS	
Cable Length	305 m / 1000 ft
Diameter Over Jacket	0.215 in
Jacket Thickness	0.019 in

ENVIRONMENTAL SPECIFICATIONS	
Environmental Space	Plenum
Installation Temperature	0 °C to +60 °C (+32 °F to +140 °F)
Operating Temperature	-20 °C to +60 °C (-4°F to +140 °F)

Frequency MHz	Attenuation (dB/100m)	Near End Cross Talk (dB)	ACR (dB/100m) Min	Power Sum (dB)			ELFEXT (dB/100m) Min	RL (dB) Min
				NEXT Min	ELFEXT Min	ACR Min		
1.0	2.0	74.3	72.3	72.3	64.8	70.3	67.8	20.0
4.0	3.8	65.3	61.5	63.3	52.8	59.5	55.8	23.0
8.0	5.3	60.8	55.4	58.8	46.7	53.4	49.7	24.5
10.0	6.0	59.3	53.3	57.3	44.8	51.3	47.8	25.0
16.0	7.6	56.2	48.7	54.2	40.7	46.7	43.7	25.0
20.0	8.5	54.8	46.3	52.8	38.8	44.3	41.8	25.0
25.0	9.5	53.3	43.8	51.3	36.8	41.8	39.8	24.3
31.25	10.7	51.9	41.2	49.9	34.9	39.2	37.9	23.6
62.5	15.4	47.4	32.0	45.4	28.9	30.0	31.9	21.5
100.0	19.8	44.3	24.5	42.3	24.8	22.5	27.8	20.1
155.0	25.2	41.4	16.2	39.4	21.0	14.2	24.0	18.8
200.0	29.0	39.8	10.7	37.8	18.8	8.7	21.8	18.0
250.0	32.8	38.3	5.4	36.3	16.8	3.4	19.8	17.3
350.0	39.7	37.1	-3.6	34.1	13.9	-5.6	16.9	NS
400	42.9	36.3	-7.6	33.3	12.7	-9.6	15.8	NS
550	51.4	36.2	---	34.2	10.9	---	14.0	NS