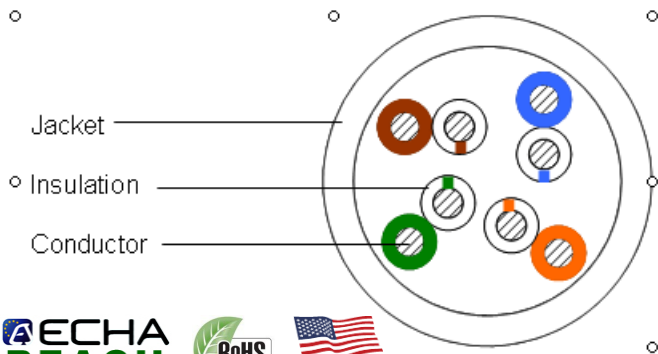




Category 5e, U/UTP, Plenum Cable, Blue Jacket, 4 pair, 1000'

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



SKU 277627	
Ventev Product Number	VEN-5EUUTP-Plenum

CONSTRUCTION MATERIALS	
Jacket Material	Flex
Conductor Material	Solid Copper
Insulation Material	FEP PE
AWG	24

ELECTRICAL SPECIFICATIONS	
Characteristic Impedence	100 Ohms + 15 ohms
Capacitance	14 pf/ft nominal
dc Resistance, Unbalance	28.6 ohms/1000' Max/5% Max
Dielectric Breakdown	2500 Volts DC Conductor to Conductor
Maximum Skew	15ns/100m
Nominal Velocity of Propagation (NVP)	74%

DIMENSIONS	
Cable Length	305 m / 1000 ft
Diameter Over Jacket	0.175 in
Jacket Thickness	0.016 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) Max	Pair to Pair		Return Loss (dB)Min	ACR (dB) Min	Power Sum		
		NEXT (dB) Min	ELFEXT (dB/100m)Min			NEXT (dB) Min	ELFEXT (dB/100m)Min	ACR (dB) Min
.772	1.8	67.0	66.0	NA	65.2	64.0	63.0	62.0
1.0	2.0	65.3	63.8	20.0	63.3	62.3	60.8	60.3
4.0	4.1	56.3	51.7	23.0	52.2	53.3	48.7	49.2
8.0	5.8	51.8	45.7	24.5	46.0	48.8	42.7	43.0
10.0	6.5	50.3	43.8	25.0	43.8	47.3	40.8	40.8
16.0	8.2	47.3	39.9	25.0	39.0	44.3	36.7	36.0
20.0	9.2	45.8	37.7	25.0	36.5	42.8	34.7	33.5
25.0	10.4	44.3	35.8	24.3	33.9	41.3	32.8	30.9
31.25	11.7	42.9	33.9	23.6	31.2	39.9	30.9	28.2
62.5	17.0	38.4	27.8	21.5	21.4	35.4	24.8	18.4
100.0	22.0	35.3	23.8	20.1	13.3	32.3	20.8	10.3
155.0	28.1	32.5	19.9	18.8	4.4	29.5	16.9	1.4
200.0	32.4	30.8	17.7	18.0	NS	27.8	14.7	NS
300.0	41.00	32.3	17.2	16.8	NS	28.2	14.2	NS
350.0	44.9	30.2	15.9	16.3	NS	27.2	12.9	NS