

# Cat6 U/UTP Outdoor Network Cable - Black, 1000 ft

Ventev's Category 6 U/UTP cable consists of 4 unshielded twisted pairs with no outer shielding. This cable is non-plenum and filled for outdoor and direct burial applications. It has a black jacket and comes in 1000 feet reels.

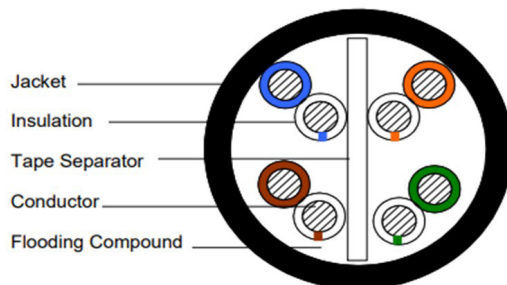
## Specifications

Diameter Over Jacket	0.235 in
Jacket Thickness	0.025 in
Environmental Space	Non-Plenum, Outdoor, Direct Burial
Installation Temperature	0° to 60°C
Operating Temperature	-40° to 70°C
Mutual Capacitance	4.6 nF/100m nominal
dc Resistance, Unbalance	6.67 ohms/100m Max/2.5% Max
Dielectric Breakdown	2500 Volts DC Conductor to Conductor
Propogation Delay	4.29nSec /m Max @ 10 MHz
Propogation Delay Skew	45ns/100m
Nominal Velocity of Propagation (NVP)	73%



SKU	MFG Part #
220066	VEN-6UUTP-Outdoor

4 Twisted Pair Flooded Cable



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Frequency MHz	Attenuation (dB/100m)	Near End Cross Talk (dB)	ACR (dB/100m) Min	Power Sum			ELFEXT (dB/100m) Min	Return Loss (dB)	
				NEXT	ELFEXT	ACR		MIN	EIA/TIA 568 Cat 6
1.0	2.0	74.3	72.3	72.3	64.8	70.3	67.8	23.0	20.0
4.0	3.8	65.3	61.5	63.3	52.8	59.5	55.8	23.0	23.0
8.0	5.3	60.8	55.4	58.8	46.7	53.4	49.7	24.5	24.5
10.0	6.0	59.3	53.3	57.3	44.8	51.3	47.8	25.0	25.0
16.0	7.6	56.2	48.7	54.2	40.7	46.7	43.7	25.0	25.0
20.0	8.5	54.8	46.3	52.8	38.8	44.3	41.8	25.0	25.0
25.0	9.5	53.3	43.8	51.3	36.8	41.8	39.8	24.3	24.3
31.25	10.7	51.9	41.2	49.9	34.9	39.2	37.9	23.6	23.6
62.50	15.4	47.4	32.0	45.4	28.9	30.0	31.9	23.0	21.5
100.0	19.8	44.3	24.5	42.3	24.8	22.5	27.8	23.0	20.1
155.0	25.2	41.4	16.2	39.4	21.0	14.2	24.0	21.0	18.8
200.0	29.0	39.8	10.7	37.8	18.8	8.7	21.8	21.0	18.0
250.0	32.8	38.3	5.4	36.3	16.8	3.4	19.8	21.0	17.3