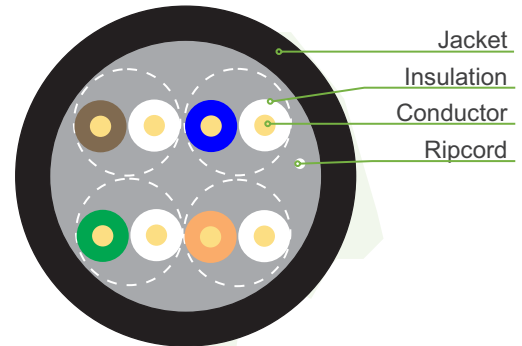


PRODUCT DATA SHEET

Category 6e Plenum

Construction:

- Conductors: 23 AWG Solid Bare Copper
- Insulation: Fluoropolymer 0.038" Nominal Diameter
- Insulation: FR-Polyolefin 0.040" Nominal Diameter
- Pair Assembly: Conductors Twisted to Varying Lays
- Cable Assembly: 4 Pairs Cabled Together
- Jacket: Plenum PVC 0.200" Nominal Diameter
- Ripcord: Pulled in Under Jacket



Jacket Print:

NITROTEL P/N NTNC6EXX-P --- (UL) E477770 PLENUM FT6 75C
CAT6 ENHANCED 550 MHZ 23AWG 4PR SOLID
VERIFIED TO ANSI/TIA-568.2-D ROHS EZ ZONE/DEVICE
A B C D E 1 2 3 4 5 6 7 8 9 (01-12345) 0/1000

Physical Characteristics:

Nominal Cable Weight: 23 lbs. /1,000 ft.
Installation Temperature Rating: 0 °C to + 60 °C
Operation Temperature Rating: -20 °C to + 75 °C

Category Electrical Performance:

Voltage Rating: 300 V
Max. DC Resistance: 9.38 Ω/100m
Max DC Resistance Unbalance: 5.0%
Nominal Velocity of Propagation: 68%
Max Propagation Delay Skew: 45 ns/100m
ETL Verified to ANSI/TIA-568.2-D

Compliance:

UL Subject 444 Communications Cables
c(UL)us Type CMR
NFPA262, UL 910
NEC Article 800
c(UL) Type CMP
ICEAS-102-700
RoHS Compliant

Char. Impedance		Return Loss	Attenuation	NEXT	PSNEXT	ACRF	PSACRF
Freq.	(Oh)	(dB)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)	(dB/100m)
(MHz)	(+/-)	(Min)	(Max)	(Min)	(Min)	(Min)	(Min)
1	100	20.0	2.0	74.3	72.3	67.8	64.8
4	100	23.0	3.8	65.3	63.3	55.8	52.8
8	100	24.5	5.3	60.8	58.8	49.7	46.7
10	100	25.0	6.0	59.3	57.3	47.8	44.8
16	100	25.0	7.5	56.2	54.2	43.7	40.7
20	100	25.0	8.4	54.8	52.8	41.8	38.8
25	100	24.3	9.4	53.3	51.3	39.8	36.8
31.25	100	23.6	10.5	51.9	49.9	37.9	34.9
62.5	100	21.5	15.0	47.4	45.4	31.9	28.9
100	100	20.1	19.1	44.3	42.3	27.8	24.8
200	100	18.0	27.6	39.8	37.8	21.8	18.8
250	100	17.3	31.1	38.3	36.3	19.8	16.8
300	100	16.8	34.3	37.1	35.1	18.3	15.3
400	100	15.9	40.0	35.3	33.3	15.8	12.8
500	100	15.2	45.3	33.8	31.8	13.8	10.8
550	100	14.9	51.8	33.2	31.2	13.0	10.0

