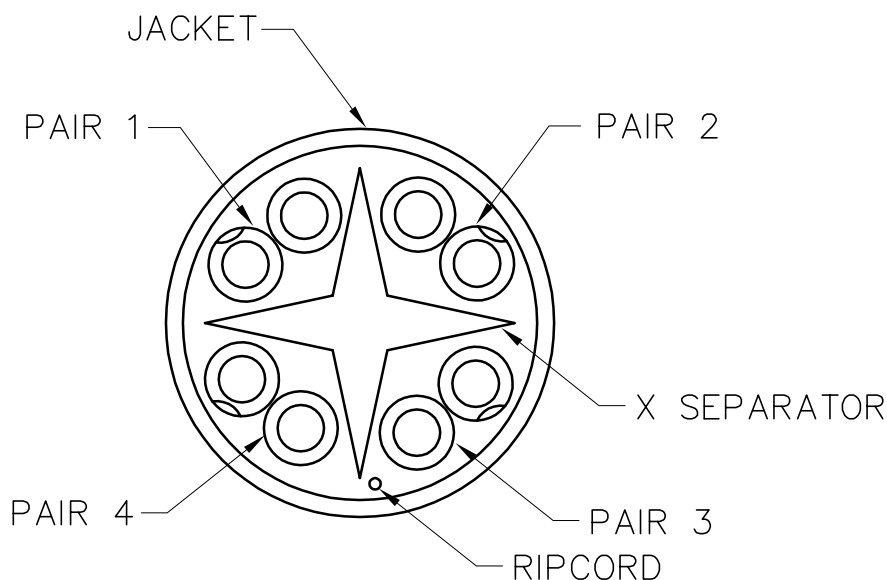


Category 6e 600MHz UTP Solid Cable

PRODUCT SPECIFICATION

Package includes:

A. Category 6e UTP Solid Cable, 1000 feet/pull



PAIR 1: BLUE & WHITE/BBLUE

PAIR 2: ORANGE & WHITE/ORANGE

PAIR 3: GREEN & WHITE/GREEN

PAIR 4: BROWN & WHITE/BROWN

Features and Benefits:

- Exceeds TIA 568-C.2 Category 6 standard
- Easy to dispense cable with spool design box, saving your time and energy on the job site
- Convenient sequential footage markings for usage tracking
- Plenum rated required in most commercial installations
- ETL verified TIA/EIA 568-C.2 for guaranteed performance
- UL listed

CABLE, CAT6e, UTP, 23AWG, 4P, CMP, 1000FT

ITEM NO. ICCABP6E00

REV. F

DWG NO. PSCABP6E00

PAGE NO. 1



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CATEGORY 6e 600MHz UTP CABLE ELECTRICAL PERFORMANCE (100 METER LOOP)																		
FREQUENCY (MHz)	1.0	4.0	10.0	16.0	20.0	31.25	62.5	100.0	155.0	200.0	250.0	300.0	350.0	400.0	480.0	500.0	550.0	600.0
ATTENUATION (dB/100m)	2.0	3.7	5.9	7.4	8.3	10.4	14.9	19.1	24.1	27.7	31.2	34.5	37.5	40.4	44.7	45.8	48.3	50.7
NEXT (dB)	82.3	73.3	67.3	64.2	62.8	59.9	55.4	52.3	49.4	47.8	46.3	46.0	45.7	45.4	44.9	44.8	44.5	44.2
PS NEXT (dB)	80.3	71.3	65.3	62.2	60.8	57.9	53.4	50.3	47.4	45.8	44.3	44.0	43.7	43.4	42.9	42.8	42.5	42.2
ACRF (dB)	73.8	61.8	53.8	49.7	47.8	43.9	37.9	33.9	30.0	27.8	25.8	24.3	22.9	21.8	20.2	19.8	19.0	18.2
PS ACRF (dB)	71.8	59.8	51.8	47.7	45.8	41.9	35.9	31.8	28.0	25.8	23.8	22.3	20.9	19.8	17.2	17.8	17.0	16.2
RETURN LOSS (dB)	21.0	24.0	25.5	26.0	26.0	26.0	26.0	22.5	21.1	19.8	19.0	18.3	17.8	16.9	16.3	16.2	15.9	15.7
ACR (dB)	80.3	69.5	61.4	56.8	54.5	49.4	40.0	33.2	25.3	20.1	15.1	11.5	8.2	5.0	0.2	0.0	N.A.	N.A.
PS ACR (dB)	78.3	67.5	59.4	54.8	52.5	47.4	38.4	31.2	23.3	18.1	13.1	9.5	6.2	3.0	0	N.A.	N.A.	N.A.

NOTES: UNLESS OTHERWISE SPECIFIED

1. STANDARD:

- A. UL444, ISO/IEC 11801, TIA-568-C.2 CAT 6;
2002/95/EC(RoHS)

2. CONSTRUCTION:

- A. SIZE: 23AWG
B. CONDUCTOR: SOLID BARE COPPER
C. INSULATION:
-MATERIAL: FEP
D. JACKET:
-MATERIAL: FR PVC
-DIAMETER: $\varnothing 0.220" \pm 0.007$ (5.6MM ± 0.2)
E. RIP CORD
-MATERIAL: POLYESTER
F. X SEPARATOR:
-MATERIAL: FEP

3. ELECTRICAL & PHYSICAL PROPERTIES:

- A. RATING TEMP VOLTAGE: 75°C, 300V
B. CONDUCTOR RESISTANCE: 9.38 OHM/100m/20°C MAX.
C. MUTUAL CAPACITANCE: 56 pF/M MAX.
D. DIELECTRIC STRENGTH: AC 1.5 KV/2 SEC.
E. SPARK TEST: 2.5 KV
F. FLAME RETARDANT TEST: CMP
G. DC RESISTANCES UNBALANCE: 5% MAX
H. AC LEAKAGE CURRENT THROUGH OVERALL JACKET: AC 1500V ≤ 10 mA
I. PAIR-TO-PAIR CAPACITANCE UNBALANCED: 330 pF/100m MAX.
J. CHARACTERISTIC IMPEDANCE: 1~600 MHz 100 ± 15 OHMS
K. PROPAGATION DELAY: 600MHz 536nS/100m MAX.
L. VELOCITY OF PROPAGATION (NVP): 68% NOMINAL
M. DELAY SKEW: 1~600MHz 40nS/100m MAX.

4. PACKAGING:

- A. BULK PACKAGE: 1000 FT/PULL BOX
B. BOX SIZE: 15.55" X 9.60" X 15.75"
C. WEIGHT: 28.7 LBS

PART NUMBER	DESCRIPTION
ICCABP6EBL	CAT6e 600MHz UTP SOLID CABLE, 23 AWG, 4 PAIR, CMP, 1000FT, BLUE
ICCABP6EGN	CAT6e 600MHz UTP SOLID CABLE, 23 AWG, 4 PAIR, CMP, 1000FT, GREEN
ICCABP6EGY	CAT6e 600MHz UTP SOLID CABLE, 23 AWG, 4 PAIR, CMP, 1000FT, GREY
ICCABP6EWH	CAT6e 600MHz UTP SOLID CABLE, 23 AWG, 4 PAIR, CMP, 1000FT, WHITE
ICCABP6EYL	CAT6e 600MHz UTP SOLID CABLE, 23 AWG, 4 PAIR, CMP, 1000FT, YELLOW



FILE NO. 320548

CABLE, CAT6e, UTP, 23AWG, 4P, CMP, 1000FT

ITEM NO.	ICCABP6E00	REV.	F
DWG NO.	PSCABP6E00	PAGE NO.	2



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