

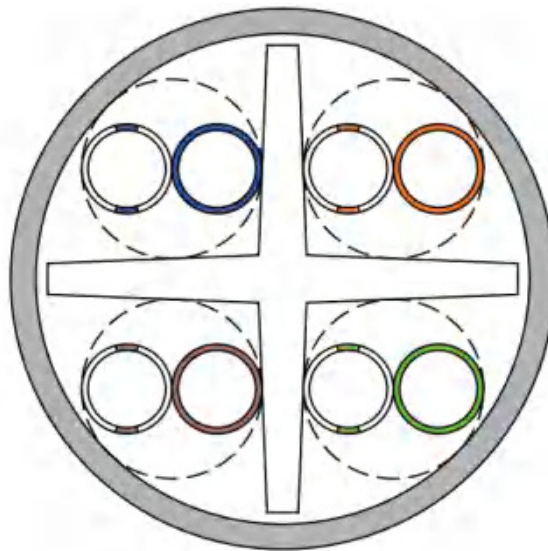
Product Code: CA600CCA

Product Description

Type U/UTP C AT6 4 Pair cable - CPR Cca

Standards IEC61156 & ANSI/TIA-568.2-D & UL Subject 444

Applications Generic cabling systems. Including 10/100/1000 Base-T, 10G, ATM & Token Ring.
This range of unshielded cables is designed to support CAT6 Link and Channel performance.
With internationally defined Physical and Electrical performance up to 250MHz.



Construction

Conductor	24AWG annealed bare copper
Insulation	Polyethylene
Colour Code	White/Blue-Blue, White/Orange-Orange, White/Green-Green, White/Brown-Brown
Screen	None
Outer Jacket Outer	PVC or LSZH compound upon customer request
Diameter Additional	5.6±0.5mm
Components	Cable is supplied without ripcord unless specified by the customer
Printing	Jacket printed Black with legend as per customer requirement

Mechanical Characteristics

Max Pulling Force Min	100N
Bending Radius	8×OD
Nominal Weight	34kg/km
Operating Temperature	-20 ~ +60°C
Installation Temperature	+0 ~ +50°C
Fire Performance	PVC: IEC60332-1, CMX, CM, CMR LSZH: IEC60332-1, IEC60332-3 CPR: Cca - s1a, d1, a1
Cable Length	305meter box or 500meter reel

Electrical Performance

Transmission Frequency(MHz)	1	4	10	16	20	31.25	62.5	100	200	250
NEXT (dB)	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3
Characteristic Impedance (Ω)	100±15								100±22	
Attenuation (dB/100m)	2.0	3.8	6.0	7.6	8.5	10.7	15.4	19.8	29.0	32.8
Return Loss (dB)	20.0	23.0	25.0	25.0	25.0	23.6	21.5	20.1	18.0	17.3
PSNEXT (dB)	72.3	63.3	57.3	54.2	52.8	49.9	45.4	42.3	37.8	36.3
ELFEXT (dB)	68.0	56.0	48.0	43.9	42.0	38.1	32.1	28.0	22.0	20.0
PSELFEXT (dB)	65.0	53.0	45.0	40.9	39.0	35.1	29.1	25.0	19.1	17.0
Delay (ns/100m)	570	552	545	543	542	540	539	538	537	536
Skew (ns/100m)	≤45									