

BELNET®

CA370R BELNET CAT6 CABLE COPPER 305M PER ROLL (RED)



BELNET® SPECIFICATION

Customer: DELTA		PRODUCT SPECIFICATION: #23 1/0.53x4P UTP6 LAN CABLE	
Cross Section		Performance	
		ELECTRICAL CHARACTERISTICS (20°C) MAX. CONDUCTOR DC RESISTANCE (/KM) #23:89 MIN. INSULATION RESISTANCE (/KM) PE:100M DIELECTRIC STRENGTH AC-500V/1 MIN NO BREAKDOWN D-C RESISTANCE UNBALANCE:MAX 2% PAIR-TO-GROUND CAPACITANCE UNBALANCE:MAX. 330PF/100M INPUT IMPEDANCE: 4-100MHz 100+/-15ohm 100-250MHz 100+/-22ohm MEAN CHARATERISTIC IMPEDANCE@100MHZ: 100+/-5 OHMS NOMINALE VELOCITY OF PROPAGETION (NVP) 68+/-2% PROPAGATION DELAY @ 100MHZ ≅537.6 ns/100M PROPAGATION DELAY SKEW:MAX. ≅45ns/100M FREQUENCY RANGE MINIMUM REQUIREMENTS (EQUATIONS) INSERTION LOSS 4-250MHZ IEC60332-1:EQUATION (2). CONSTANT VALUES SEE TABLE 4 CAT. 6 RETURN LOSS 4-250MHZ IEC60332-1:SEE TABLE 10 INPUT IMPEDANCE 4-250MHZ IEC60332-1:SEE TABLE 10 NEXT 4-250MHZ IEC60332-1:EQUATION (6), CONSTANT VALUES SEE TABLE 6 CAT. 6 PS NEXT 4-250MHZ IEC60332-1:EQUATION (5), CONSTANT VALUES SEE TABLE 6 CAT. 6 ELFEXT 4-250MHZ IEC60332-1:EQUATION (7), CONSTANT VALUES SEE TABLE 6 CAT. 6 PS ELFEXT 4-250MHZ IEC60332-1:EQUATION (7), CONSTANT VALUES SEE TABLE 6 CAT. 6	
Marking		JACKET MARKING: /	
Construction		Conductor Bare Copper 4 Twisted Pair SC AWG 23 Construction (MM) 1/0.53±0.008 Standard Dia. (MM) / Insulation PE Nom. Thickness (MM) 0.225 Insulation Dia. (±0.05MM) 1 Separator PE Cross Shield/Braid / Overlap(%) / Darin wire / Jacket pvc Nom. Thickness (MM) 0.6 Outer Dia. (±0.2MM) 6.3	
Color		Insulation Cores:Pairs P1:Blue & White P2:Orange & White P3:Green & White P4:Brown & White Jacket	
benging test MAX. pulling		Physical Properties Insulation Tens strength (before) Kg/mm ² >1.68 Tens strength (after) Kg/mm ² Elongation (before aging) % >300% Elongation (after aging) % Jacket Tens strength (before) Kg/mm ² >1.41 Tens strength (after) Kg/mm ² Elongation (before aging) % >100% Elongation (after aging) % Conductor Resistance Ω/km 20°C <93.8 Insulation shrinkback 121°C x1hr Insulation cold bend -20°C x4hr Jacket cold bend -20°C x4hr	
Designed By:		Approved By:	
Date:		Date:	

High Speed and Stable Transmission

Say **NO** to any delay

No delay on
online game

No buffer on
watch movie

No wait on
download



Widely use RJ45 Network Device

Laptop

PC

Router

Switch

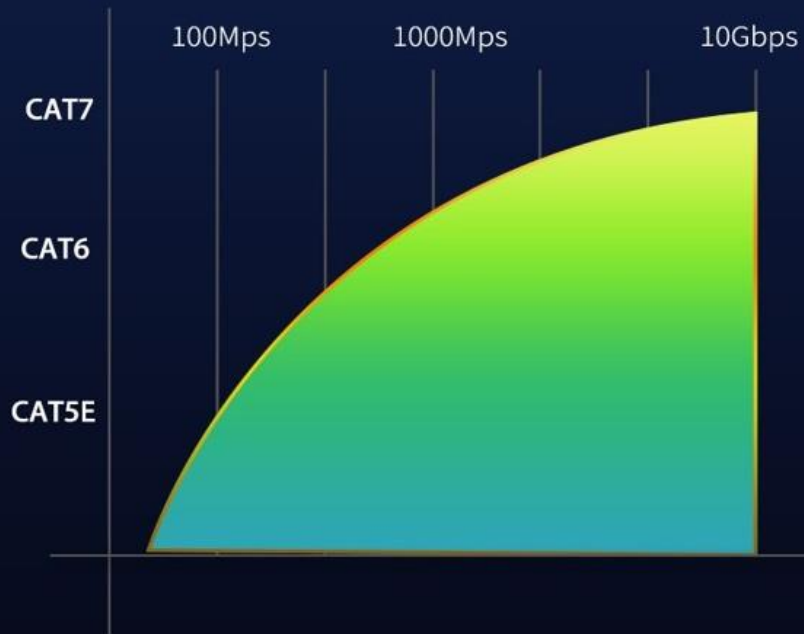
TV

Tv Box



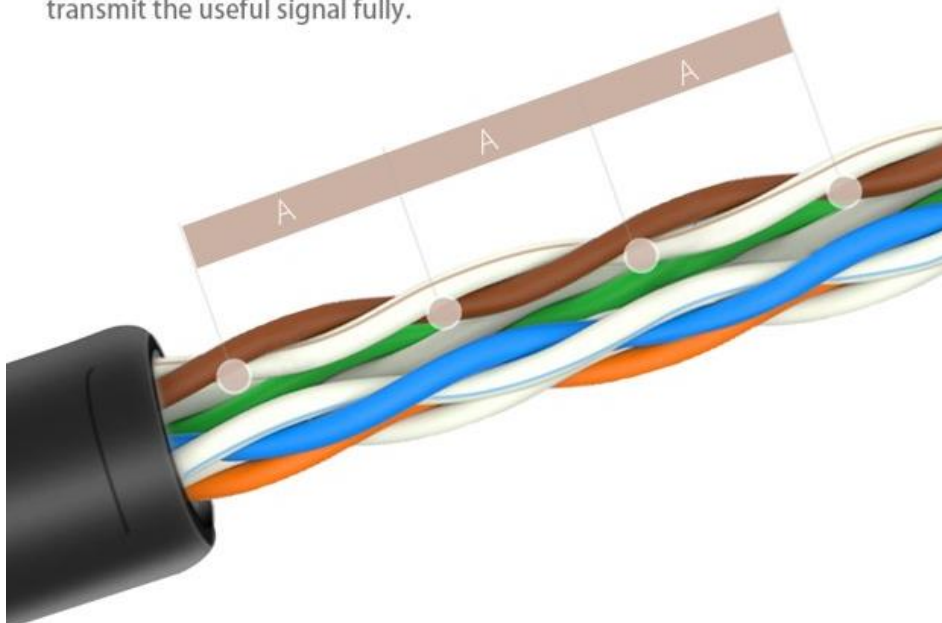
Enjoy Extreme Speed

Extreme speed unforgettable experience



8 wire twisted pair structure decrease the interference

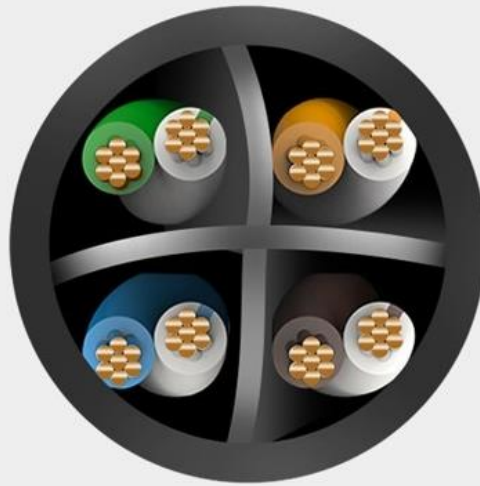
The Twist distance is higher than the standard distance, which can lower the interference between wires, remove the interference signal and transmit the useful signal fully.



Cross Structure Shielding

provide the CAT6 1Gbps transmission

The cross bone separates 4 pairs twisted wire, decrease the crosstalk ,reduces the loss and provide the shielding,which increase the performance of the cable make sure the 1000Mbps transmission

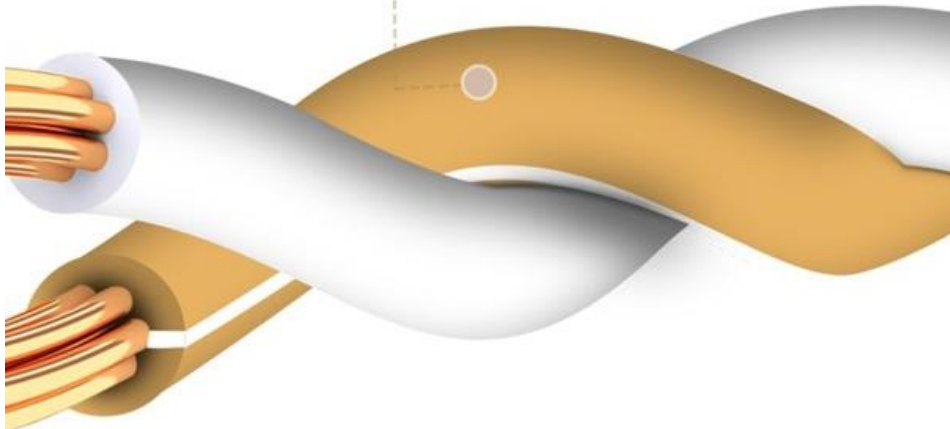


Environmental and durable jacket

The waterproof and high density HDPE ,which is durable and hard to damaged



环保HDPE材料



The close twisted pair and the enough material which make the appearance of cable are bigger than other cables



Application in many internet environment



Office



Hotel



Home



Internet Bar