

## Cat 5e UTP, Cat 6e UTP

Cabluri pentru rețele de calculatoare | Computer network cables



Constructie	Construction
1. Conductor de cupru unifilar	1. Solid copper conductor
2. Izolatie din PE	2. PE insulation
3. Ecran din folie AluPet+fir continuitate sau din tresa din sirme de cupru	3. Screen of AluPet foil + drain wire or copper braided wire
4. Manta exterioara din PVC	4. PVC outer sheath
Specificatia tehnica	Technical specification
Raza de curbura: min. 8x Cable diameter	Bending radius : 8x Cable diameter
Tensiunea de lucru : 250 V	Working voltage : 250 V
Tensiunea de testare : 1.2 KV	Test voltage : 1.2 KV
Gama de temperatura : -20 / +60°C	Temp. range : -20 / +60°C
Rezistenta de izolatie: min. 5000 MΩkm	Insulation resistance: min. 5000 MΩkm
Capacitatea : max. 56,0 pF/m (1KHz)	Capacitance : max. 56,0 pF/m (1KHz)
Impedanta : 100±%15Ω(1MHz)	Impedance : 100±%15Ω(1MHz)
Frecventa : 155 MHz	Frequency : 155 MHz
Lungimea de unda: max. : 100m	Length max. : 100m
Atenuarea : 22 dB (100 MHz)	Attenuation : 22 dB (100 MHz)
Standard de fabricatie: EIA/TIA 568	Manufacturing standard: EIA/TIA 568
Utilizarea: aceste cabluri asigura o performanta ridicata pina la 155 MHz.	Use: These cables ensure high performans up to 155 MHz. Different and very short lay lengths of pairs guarantee high crosstalk attenuation values.
Pasul de rasucire diferit si foarte scurt garanteaza o atenuare incrucisata ridicata.	Screening protects vable against electromagnetic interference.
Ecranul protejeaza impotriva interferentelor magnetice.	Core colours
Culoarea izolatiei perechilor	1)White-blue stripe / blue
1)alb cu albastru/albastru	2)White-orange stripe / orange
2)alb cu portocaliu/portocaliu	3)White-green stripe / green
3)alb cu verde/verde	4)White-brown stripe / brown
4)alb cu maro/maro	Standard packing: coils 100 and 200 m covered with plastic foil, in carton boxes, reels
Ambalare: colaci de 100 si 200 m acoperiti cu folie din plastic, cutii de carton, bobine.	

Simbol cablu Cable symbol	Grosime izolatie Insulation thickness (mm)	Grosime manta Outer sheath thickness (mm)	Diametru exterior Outer diameter (mm)	Greutate Weight (kg/km)	Rezistenta max. Max. conductor resistance (ohm/km)
Cat 5e UTP 4x2x0,5	0.2	0.6	5.6	60	18.1000
Cat 6e UTP 4x2x0,6	0.2	0.6	6.2	72	18.0000