

Cat 5E U/UTP Outdoor

**Outdoor Unshielded high-speed cable
extra robust and thick PE jacket**

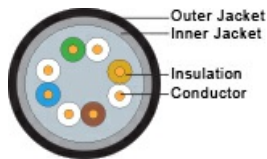
Application

Unshielded high-speed cable for installation in structured networks. The cable has is double sheathed, PVC and an extra thick sheath of PE intended for outdoor use. The cable is UV- and water-resistant.



Construction

Conductor	Solid Plain Cu 0,51 [mm] AWG 24/1
No. of pairs	4
Colour code	IEC 60189-2
Inner jacket	Grey PVC
Outer Jacket	Black PE
O.D.	6,5 [mm]
Weight	42 [kg/km]



Specifications

Operating temperature	-40 – +70 [°C]
Temperature flexible	0 – +50 [°C]
Recommended clamp spacing	90 m. [m]
Conductor resistance	<80 [Ω /km]
Insulation resistance	10000 [M Ω x km]
Capacitance pair	51 [pF/km]
Impedance	100 \pm 15 [Ω]
Velocity factor	0,66
Attenuation	se tabell
Min. bending radius	4 [x outer diam]
Max. inst. length	90 [m] v/ 125 MHz

Norms

Design and testing standards	ISO/IEC 11801-1 EN 50288 TIA/EIA 568
Weather resistant	IEC 60502
UV-resistant	ASTM G 154
Certification	ETL



Part No. 1089643: drum 500m
1089648: box 305m

Frequency (MHz)	Attenuation (dB/100m)	NEXT (dB)	ACR (dB/100m)
1	2,0	77	78,0
4	3,4	65	61,6
10	6,5	57	50,5
16	8,0	55	47,0
20	9,0	52	43,0
31,25	11,4	50	38,6
62,5	16,5	45	28,5
100	21,0	44	23,0
125	24,0	41	17,0