Dintek 1101-04029

PowerMAX500 Cat.6 U/UTP Solid Copper Cable · Specification summary



Product Name	PowerMAX500 4P Cat.6 U/UTP 23AWG PVC Cable - Blue
Category	Cat.6 / Class E U/UTP
Conductor	Pure annealed copper, 23AWG, solid core, 4 pairs
Insulation	Polyethylene, 0.97mm ± 0.05mm diameter
Jacket	PVC, 6.20mm ± 0.5mm diameter
Jacket Colour	Blue
Jacket Rating	CM
Length	305 m box (EZI-Pull)
Standards	ANSI/TIA 568.2-D Cat.6 / ISO/IEC 11801
PoE Capability	IEEE 802.3bt level 3 & 4 (PoE++ & 4PPoE)
Tested Bandwidth	Up to 500MHz; 10 Gigabit transmission up to 70m (manufacturer test)
Certifications	ETL (ANSI/TIA-568.2-D Cat.6); UL CM as per UL 444
Flame Testing	EN 60332-1-2
Min. Bending Radius	8 × cable diameter
Max. Pulling Tension	110N
Installation Temperature	0°C to +50°C
Operating Temperature	-20°C to +60°C
Impedance	100Ω ± 15% (1-100MHz); 100Ω ± 22% (100-250MHz)
Nominal Velocity of Propagation	67%

Specifications are summarised from the manufacturer's published information (checked 2026-11-02). They describe the cited version only. Confirm the exact model, suffix and supplied revision before ordering. ISD confirms supply, price, availability and warranty separately.

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