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LAN Cable

## Part No: UTPL5E-W

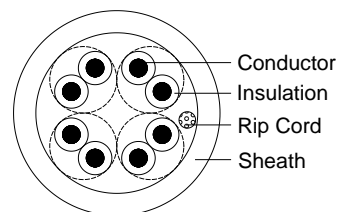
Description	Solid 24AWG PACW, UTP, 4 Pairs, PE Insulation, Rip Cord, PVC Sheath, UL Listed Cat5E cable.
Applicable Standards	UL444, ANSI/TIA 568-C.2, ISO/IEC 11801, AS/NZS 3080, AS/CA S-008, AS 1049
Suitable Applications	Used in Structured cabling for computer networks operating up to 100 Mbit on Class D links. Suitable for 10BaseT and 100BaseT Ethernet applications.

### Cable Construction Drawing



Jacket colour for illustration only.  
Refer to "Supply Information" for available jacket colours.

### Cable Construction Relative Parts



### Cable Description

Conductor	AWG	Stranding	Material
	24	Solid	PACW
Insulation	Pairs :	4	
	Material :	PE	
Insulation	Colour :	Blue/White-Blue Stripe, Green/White-Green Stripe, Orange/White-Orange, Brown/White-Brown Stripe	
	Nominal OD (mm) :	0.9	
Filler	Material :	Rip Cord	
Sheath	Material :	PVC	
	Colour :	Refer to "Supply Information"	
	Nominal OD (mm) :	5.3	

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### Electrical Properties

Max. Conductor DC Resistance @ 20°C	93.8Ω/km
Max. DC Conductor resistance unbalanced	5%
Max. Mutual Capacitance @ 1KHz	56 pF/m
Max. Capacitance Unbalance @ 20°C	330 pF/100m
Nominal Velocity of Propagation	68%
Characteristic Impedance(1-100MHz)	100±15Ω
Max. Delay	538ns/100m @ 100MHz

### Transmission Properties

Frequency (MHz)	1.0	4.0	8.0	10.0	16.0	20.0	25.0	31.25	62.5	100
Min. RL (dB/100m, 20°C)	20.0	23.0	24.5	25.0	25.0	25.0	24.3	23.6	21.5	20.1
Max. IL (dB/100m, 20°C)	2.0	4.1	5.8	6.5	8.2	9.3	10.4	11.7	17.0	22.0
Min. NEXT (dB/100m, 20°C)	65.3	56.3	51.8	50.3	47.2	45.7	44.3	42.9	38.4	35.3
Min.PSNEXT (dB/100m, 20°C)	62.3	53.3	48.8	47.3	44.2	42.8	41.3	39.9	35.4	32.3
Min. ELFEXT (dB/100m, 20°C)	63.8	51.8	45.7	43.8	39.7	37.8	35.8	33.9	27.9	23.8
Min. PSELFEXT (dB/100m, 20°C)	60.8	48.8	42.7	41.8	36.7	34.7	33.8	30.9	24.9	20.8

### Mechanical Properties

Operating Temperature Range	-15 to 75°C
Max. Recommended Pulling Tension	111N
Min. Bend Radius (install)	54mm
Approximate Mass	3.4kg/100m

### Supply Information

SKU	Length	Colour	Carton Type	Cartons Per Pallet
UTPL5EBL305BW	305 metre	Blue	Pull Box	45

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