



CAT 5e U/UTP PVC CABLE

Technical information



Features

- ◆ Reelex box dispenses without twists or over runs
- ◆ Low memory
- ◆ Reverse metre marked from 305m to 0m
- ◆ PVC sheath
- ◆ 24 AWG solid copper conductors
- ◆ Cat 5e compliant performance
- ◆ Verified to ISO/IEC 11801, EN50173 and ANSI/TIA-568-C.2
- ◆ Ultima 25 year System Warranty

Construction

Conductor Diameter (mm)	AWG	Insulation Diameter (mm)	Overall Sheath Diameter
0.49 +/- 0.02	24 AWG	0.85 +/- 0.05	4.7 +/- 0.3

Key Electrical Characteristics

Nom. Mutual Capacitance nF/100m @ 1kHz	Max. Conductor Resistance Ω/km @ 20°C	Max. Capacitance Unbalance pF/km	Max. operating voltage - UL	Max. Delay Skew ns/100m
≤5.6	116.8	≤330	300	50

Performance

Frequency (MHz)	Return Loss (dB)	Insertion Loss (dB/100m)	NEXT (dB)	PS NEXT (dB)	ELFEXT (dB/100m)	PSELFEXT (dB/100m)
1	17.0	2.2	60.0	57.0	57.4	54.4
4	17.0	4.5	53.5	50.5	45.4	42.4
8	17.0	6.3	48.6	45.6	39.3	36.3
10	17.0	7.1	47.0	44.0	37.4	34.4
16	17.0	9.1	43.6	40.6	33.3	30.3
20	17.0	10.2	42.0	39.0	31.4	28.4
25	16.0	11.4	40.3	37.3	29.4	26.4
31.25	15.1	12.9	38.7	35.7	27.5	24.5
62.5	12.1	18.6	33.6	30.6	21.5	18.5
100	10.0	24.0	30.1	27.1	17.4	14.4



Part Number

Item	Description	Type	NVP	Sheath	CPR Euroclass	Length	Colour
772985	Cat 5e Solid	U/UTP	65%	PVC	E _{ca}	305m	Grey