

# Paige® Cable 710648DB | Premium Outdoor CAT6 Cable, UV Rated, 99% Solid Copper, 4 Pair, 23 AWG, 1000 ft Box



## CONSTRUCTION

- Flame Rating: CMX
- Jacket: PE
- Color: Black
- Water Blocking Tape

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- OD: .283 inch
- Packaging: 1000 ft Reel

## APPLICATIONS

- 10 BaseT, 100 BaseT, ATM 155
- 100 Vg-AnyLAN, Token Ring
- TP-PMD, 100 MBs CDDI

## INDUSTRY STANDARDS

- UL444
- UL, ETL and 3P Verified to Standards
- ISO/IEC-11801
- TIA-EIA 568-B.2-1
- RoHS

## MATERIAL DESCRIPTIONS

- Conductor: 23 AWG solid bare copper
- Insulation: HDPE
- Ripcord under jacket
- Jacket: CMX, UV Rated

## ELECTRICAL CHARACTERISTICS

- Impedance: 1 ~ 400MHz 100±15ohms
- Cold Bend Test: -20°C × 48Hrs. No Crack
- Structural Return Loss: 400MHz 10 dB Min.
- DC Resistance Unbalance of a pair: 5% max
- Delay Skew: 400MHz 25 nS/100M Max.
- Capacitance Unbalance (Pair to Ground): 3300pf/Km Max
- Propagation Delay: 400MHz 536nS/100m Max
- Attenuation-to-Crosstalk Ratio: At 250MHz: 7.5dB/min.

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<b>Frequency (MHz)</b>	<b>1</b>	<b>31.25</b>	<b>62.5</b>	<b>100</b>	<b>155</b>	<b>200</b>	<b>250</b>	<b>300</b>	<b>400</b>	<b>550</b>	<b>600</b>
<b>ATT Max</b>	2	10.7	15.4	19.8	25.1	29	32.8	36.4	43	51.8	54.5
<b>NEXT Min</b>	76.3	53.9	49.4	46.3	43.5	41.8	41.3	39.2	37.3	37.2	36.6
<b>ACR Min</b>	72.3	41.2	32	24.5	16.4	10.8	5.5	0.8	-	-	-
<b>PS.NEXT Min</b>	72.3	49.9	45.1	42.3	39.5	37.8	36.3	35.2	33.3	31.2	30.6
<b>PS.ACR Min</b>	70.3	39.2	30	22.5	14.4	8.8	3.5	0	-	-	-
<b>ELFEXT Min</b>	70.3	39.2	30	22.5	14.4	8.8	3.5	0	-	-	-
<b>PS. ELFEXT Min</b>	64.8	34.9	28.8	24.8	20.9	18.7	16.8	15.2	12.7	9.9	9.2
<b>RL Min</b>	20	23.6	21.5	20.1	18.8	18	17.3	16.8	15.9	14.9	14.7