

## Technical Data Sheet



### C6-CA1-cc-xx

Cat5E/6 UTP Cable Assemblies  
Networking

PRODUCT OVERVIEW	-
Product Description	Category 6 Patch Cords - West Penn Wire Brand
Product Overview	<p>West Penn Wire Category 6 Channel-Level Unscreened Patch Cords have been designed to meet the need for today's mid-level demand applications. These patch cords incorporate a slim profile snag-free boot design which protect the plug latch and offers greater flexibility. The cords are 100% transmission tested and support category 6 100-meter channel performance.</p> <p>Manufactured using ETL verified 26-AWG stranded cable design to support a greater service life. Assembled in a controlled environment to ensure consistent quality, these patch cords provide reliable performance when mated with our category 6 connecting hardware and deliver supreme performance for network cabling systems.</p>
Package Qty.	1
Product Features	-
Features	<ul style="list-style-type: none"> <li>• Transmission performance per TIA/EIA-568-C.2 performance specifications</li> <li>• ETL verified 26-AWG stranded cable</li> <li>• 100% factory transmission tested to component level performance per TIA/EIA-568-C.2</li> <li>• Rated for at least 750 plug insertions</li> <li>• Enhanced plug-to-jack connection integrity</li> <li>• Slim-profile snag-free boots with durable flexible cable strain relief</li> <li>• T568A/B wiring scheme compatible</li> </ul>
SPECIFICATIONS & DIMENSIONS	-
Transmission Performance	<p>ANSI/TIA/EIA-568-C.2: category 6 (1-250 MHz) specifications</p> <p>ISO/IEC 11801 2nd Ed.: category 6 (1-250 MHz) specifications</p>
Cordage	<p>Jacket diameter: &lt; 6.35 mm (0.25 in)</p> <p>Construction: 4 pairs, 7 strands 26 AWG, UTP, high density polyethylene insulation, fire retardant PVC compound jacket</p>
Wiring Scheme	<p>ANSI/TIA/EIA-568-C.2: T568A &amp; T568B</p> <p>ISO/IEC 11801 2nd Ed.: 8-position conductor/pair assignment (1-2/3-6/4-5/7-8)</p>

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Audio and Control



Physical Characteristics	Retention: 50 N (11 lbf) for 60±5 s Mating cycle life: min 750 cycles Tensile strength: ≥ 20 N per wire
Electrical/Optical Characteristics	Insulation resistance: min 500 MOhm @ 100 Vdc Dielectric withstanding voltage: 1,000 Vdc/ac peak contact to contact @ 60 Hz for 1 min Contact resistance: max 20 Mohm
Environmental Characteristics	Storage: -40 °C-+70 °C (-40 °F-+158 °F) Operation: -10 °C-+60 °C (+14 °F-+140 °F) RH (operation): max non-condensing 93 %
Warranty	10yr West Penn Wire Warranty

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CC: Colors: BK, BL, GY, WH  
xx: Lengths: 1, 3, 5, 7, 10,14,20 25