

Detailed Specification & Technical Data



C6C-114cc-xxFB

Category 6 UTP Assembly

PRODUCT OVERVIEW		-
Product Description	Category 6 Patch Cords w/Snag-Proof Boots	
Product Overview	<p>West Penn continues to set the standard for high-quality, high-performance patch cords with two series of category 6 patch cords. Our category 6 cords are 100% transmission tested to component performance as specified in ANSI/TIA-568-C.2. Assembled in a controlled environment using advanced manufacturing techniques to ensure consistent quality, these patch cords provide exceptional performance when mated with our category 6 connecting hardware.</p> <p>West Penn category 6 patch cords incorporate slim-profile snag-free boots, which protect the plug latch, and a flexible, but durable cable strain relief and are compatible with both T568A and T568B wiring schemes. Category 6 patch cords are manufactured using ETL-verified stranded cable designed for greater flexibility and service life and are available in eight popular colors and a variety of standard lengths</p>	
Package Qty.	1	
Product Features		-
Features	<ul style="list-style-type: none"> • Transmission performance per TIA/EIA-568-C.2 performance specifications • ETL verified 26-AWG stranded cable • 100% factory transmission tested to component level performance per TIA/EIA-568-C.2 • Rated for at least 750 plug insertions • Enhanced plug-to-jack connection integrity • Slim-profile snag-free boots with durable flexible cable strain relief • T568A/B wiring scheme compatible 	
SPECIFICATIONS & DIMENSIONS		-
Transmission Performance	ANSI/TIA/EIA-568-C.2: category 6 (1-250 MHz) specifications ISO/IEC 11801 2nd Ed.: category 6 (1-250 MHz) specifications	
Cordage	Jacket diameter: < 6.35 mm (0.25 in) Construction: 4 pairs, 7 strands 26 AWG, UTP, high density polyethylene insulation, fire retardant PVC compound jacket	
Wiring Scheme	ANSI/TIA/EIA-568-C.2: T568A & T568B ISO/IEC 11801 2nd Ed.: 8-position conductor/pair assignment (1-2/3-6/4-5/7-8)	
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	5-year limited component warranty 10-year Signamax Link/Channel Warranty 15-year Signamax Extended Component Warranty 25-year Signamax Cabling System Warranty	
PRODUCT PARTS		-
C6C-114cc-xxFB	Replace cc: Color BK, BU, GY, WH, RD, YE Replace xx: 3,7,10,15,20,25 ft	