

C6AS=314GY-xxFB

Category 6A F/UTP Assembly



PRODUCT OVERVIEW -	
Product Description	Category 6A Screened Patch Cords w/Snag-Proof Boots
Product Overview	<p>West Penn Connectivity Systems category 6A patch cords are designed to meet 10 Gigabit Ethernet IEEE 802.3an rev. 1.0 transmission requirements, and are guaranteed to meet ANSI/TIA-568-C.2 channel performance. Cords are 100% transmission tested and support category 6A 100-meter channel performance. Assembled in a controlled environment using advanced manufacturing techniques to insure consistent quality these patch cords provide reliable performance when mated with our category 6A connecting hardware and deliver supreme performance for network cabling systems.</p> <p>West Penn category 6A 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. Patch cords are manufactured using ETL-verified 26-AWG stranded cable designed for greater flexibility and service life.</p>
Package Qty.	1

PRODUCT FEATURES -	
Features	<ul style="list-style-type: none"> • Designed to meet 10G IEEE 802.3an transmission requirements • Guaranteed to meet TIA-568-C.2 performance • 100% factory transmission tested per TIA-568-C.2 specifications • Support category 6A 100-meter channel performance • Screening provides 100 % protection against ANEXT • Rated for at least 750 plug insertions • T568A/B wiring scheme compatible • Contact design provides enhanced plug-to-jack connection integrity • Slim-profile snag-free boots with durable flexible cable strain relief • ETL verified 26 AWG stranded cable

SPECIFICATIONS & DIMENSIONS -	
Transmission Performance	ANSI/TIA-568-C.2: category 6A (1-500 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: 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 100BASE-T2, 1000BASE-T, 10GBASE-T

PRODUCT PARTS -	
C6AS-314cc-xxFB	Replace cc: Color GY Replace xx: 3,7,10,15,20,25 ft