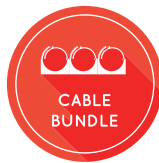# barpa

CAT6A UNSHIELDED WHITE TOOLLESS

PRODUCT DESCRIPTION

• The barpa Category 6A UTP (Unscreened Twisted Pair) jack belongs to the barpa cabling system. This jack as an unique and simple design thought to be easy for termination but always thinking about excelent electrical performance. Manufactured and tested to the latest Category 6 specifications defined in the Internacional standards. Support all applications up to 500Mhz. Cable bundle is one of the special physical characteristics, it promotes quick installation, fast termination. It's up to you to try it.

25 YEARS WARRANTY | **CABLE BUNDLE** | **CE** | **ROHS**

• STANDARD CONFORMITY

IEC 60603-7-4; IEC 60512-26-100; ISO/IEC 11801 ed.2.2; EN50173-1; ANSI/TIA 568-B.2-1

• FEATURES

Compatibility with CAT6A and lower classes
Quick termination - tool free, less preparation, less labour time
25 Years System Warranty
Suitable for patch panel and faceplate mounting
With cable bundle incorporated
10 Gigabit Ethernet

• PHYSICAL CHARACTERISTICS

IDC Material	PC UL94V0
Terminal	Phosphor Bronze, Tin Plating
Color	White
Orientation	180°

• ELECTRICAL CHARACTERISTICS

Frequency Range (MHz)	1-500
Contact Resistance (mΩ Max)	200
Insulation Resistance (MΩ Min 500V DC)	500
Dielectric Strength (V RMS 60Hz/1min)	1.000
Rated Current (A)	Maximum 1.5
Return Loss (dB)	5.8
Next (dB)	4.7
PSNext (dB)	5.5

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• ENVIRONMENTAL CONDITIONS

Operating Temperature (°C)	-10 to 60
Storage Temperature (°C)	-40 to 70

• MECHANICAL SPECIFICATION

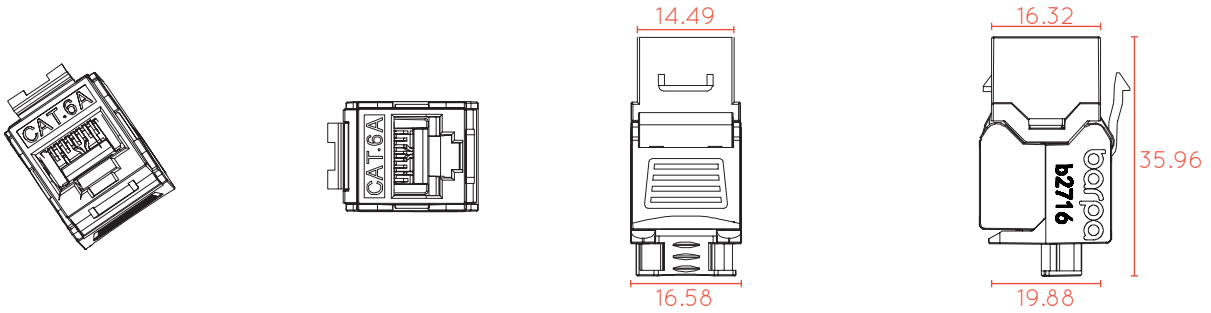|	
Wiring	T568A/B
IDC Contacts - Solid Cable	Accept 22-24 AWG solid with a insulation diameter of 0.55-0.45 mm
IDC Contacts - Stranded Cable	Accept 22-26 AWG stranded with a insulation diameter of 0.76-0.48 mm
Insertion Life	750 times plugging
Plug Inforce (N)	< 30
Cable OD (mm)	5.0 - 8.5
IDC Life	250 times terminating
Contact	Phosphor bronze with 4-6µ″ gold plating

• TECHNICAL PERFORMANCE

Frequency (MHz)	Next Limit (min. Typical)	PS Next Limit (min. Typical)	ACR Limit (min. Typical)	RL Limit (min. Typical)
1	0.5	81.1	79.5	25.6
4	0.8	75.4	71.4	38.4
8	1.1	72.1	74.3	29.9
10	1.2	67.4	64.8	33.2
16	1.5	62.7	60.4	34.9
20	1.7	68.1	65.7	40
25	2.0	65.0	66.8	34.6
31.25	2.2	64.7	62.7	34.4
62.5	3.2	51.3	49.5	25.7
100	4.2	53.4	52.8	29.5
200	5.9	41.4	41.7	23.1
250	6.8	41.3	41.5	16.1
350	8.4	35.6	35.4	19.8
500	10.6	32.9	30.8	15.1

• ORDER INFORMATION

Code	Description	Unit Weight (Kg)	Polybag Size (mm)	Polybag Quantity (un)	Inner Box Size (mm)	Inner Box Quantity (un)	Carton Size (mm)	Carton Quantity (un)	EAN Code
82243210180	Cat6A Unshielded White Toolless	0.009	122x78x0.12	1	275x160x70	50	345x290x400	500	5608445005052

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TECHNICAL DRAWING (mm)

25 YEARS WARRANTY

As part of our goal to achieve quality excellence, our barpa System Warranty can give you 25 years products and solution assurance of compliance with the industry performance standard comparing with the class installed. This warranty applies to network infrastructure installations that was made by an approved barpa partner using an barpa solution (end-to-end). For more informations go to our website.

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