



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

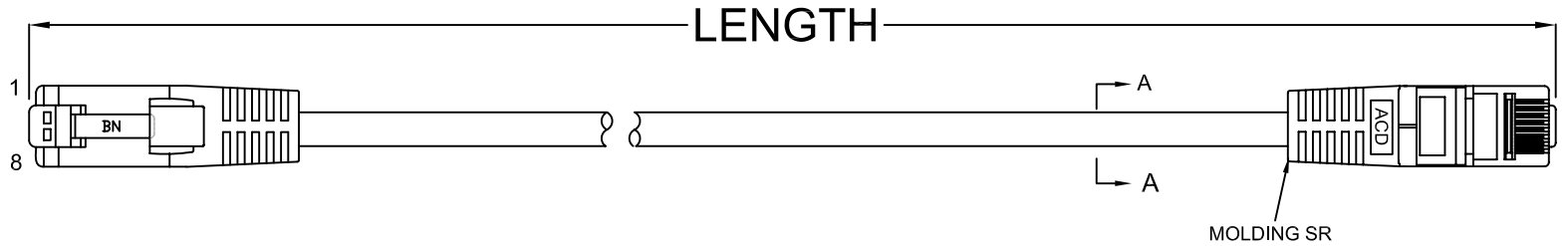
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	NEW RELEASE	3/APR/2014	



Length Tolerance:
 Length ≤ 0.5M +30/-0mm
 Length > 0.5M & < 1M +50/-0mm
 Length ≥ 1M & ≤ 5M +/-50mm
 Length > 5M & ≤ 10M +/-100mm

CAT.6 UTP LAN CABLE:

1. Conductor (Stranded): 24AWG (7X0.20mm);
2. Insulation: HD-PE;
3. Color Code:
 PAIR 1: Blue & White/Blue
 PAIR 2: Orange & White/Orange
 PAIR 3: Green & White/Green
 PAIR 4: Brown & White/Brown

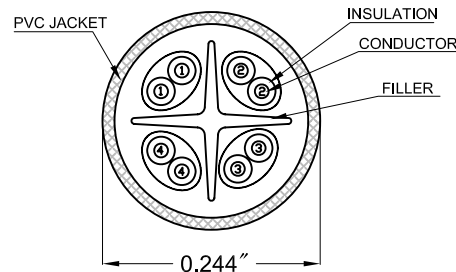
4. Cable Marking:

Amphenol Cables on Demand TYPE CM 24AWG 4PR 75° C
 (UL) c(UL) E314104 ETL VERIFIED TIA/EIA-568-B.2-1 UTP CAT.6

5. Rated Temperature: 75° C.
6. Rated Voltage: 300V.
7. UL cUL CM TYPE.
8. Impedance: $100 \pm 15\% \Omega$ (1~250 MHz)
9. DC-Resistance Capacitance Unbalance: 5%
10. DC-Resistance: $9.38 \Omega/100m$ AT 20°C MAX
11. Bandwidth: 250 Mhz
12. Bending Radius: 25.4mm (1") min
13. Transmission Requirements TIA/EIA-568-B.2-1 PATCH CORD

PIN OUT: T568B

PLUG 1	PLUG 2	COLOR
PIN 1	PIN 1	WHITE/ORANGE
PIN 2	PIN 2	ORANGE
PIN 3	PIN 3	WHITE/GREEN
PIN 4	PIN 4	BLUE
PIN 5	PIN 5	WHITE/BLUE
PIN 6	PIN 6	GREEN
PIN 7	PIN 7	WHITE/BROWN
PIN 8	PIN 8	BROWN



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:		EAR NO.		Amphenol Cables on Demand		
				20 VALLEY ST. ENDICOTT, NY 13760		
DECIMALS	ANGLES	APPROVALS	DATE	ASM CBL RJ45/RJ45 UTP CAT.6		
.X ±X	± X°	DRAWN	LF			3/APR/2014
.XX ±XX		CHECKED	BA			3/APR/2014
.XXX ±XXX		RESP ENG				
THIRD ANGLE PROJECTION		MFG ENG		SIZE	DWG. NO.	
				A	MP-64RJ45UNNX	
CAD FILE:				REV.	A0	
				SCALE	SHEET OF	

NOTES: UNLESS OTHERWISE SPECIFIED