



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

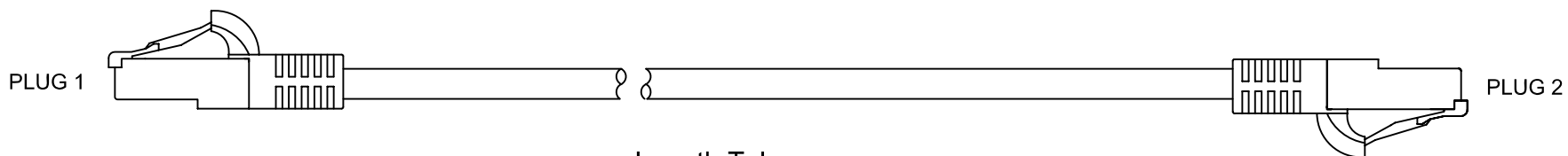
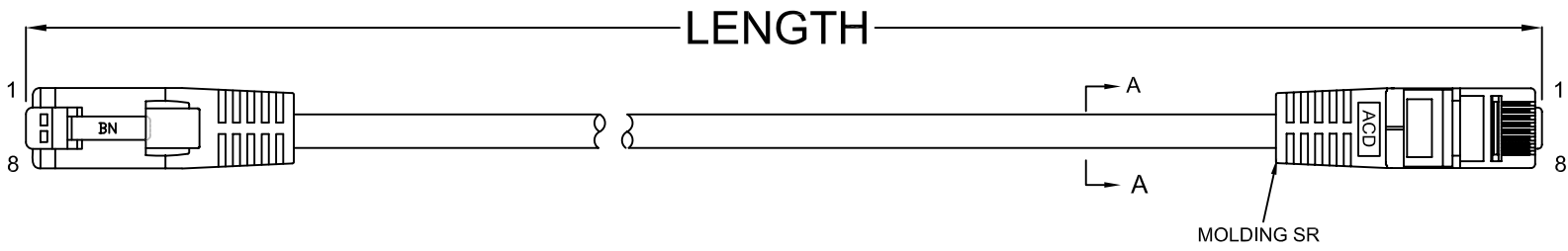
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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

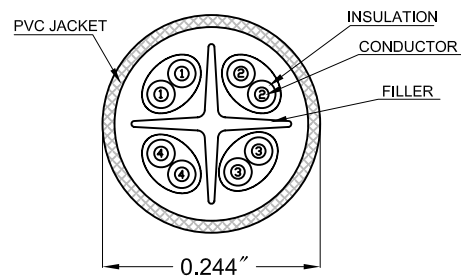
- CAT.6 UTP LAN CABLE:**
1. Conductor (Stranded): 24AWG (7X0.20mm);
  2. Insulation: HD-PE;
  3. Color Code:  
 PAIR 1: Blue & White/Blue  
 PAIR 2: Orange & White/Orange  
 PAIR 3: Green & White/Green  
 PAIR 4: Brown & White/Brown
  4. Cable Marking:

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 ± 15% Ω (1 ~ 250 MHz)
9. DC-Resistance Capacitance Unbalance: 5%
10. DC-Resistance: 9.38 Ω/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	
DECIMALS	ANGLES	APPROVALS		20 VALLEY ST. ENDICOTT, NY 13760	
.X ±X	± X°	DRAWN	DATE	ASM CBL RJ45/RJ45 UTP CAT.6	
.XX ±XX		CHECKED			
.XXX ±XXX		RESP ENG			
THIRD ANGLE PROJECTION		MFG ENG		SIZE	DWG. NO.
				A	MP-64RJ45UNNX
CAD FILE:				SCALE	SHEET OF
					A0

NOTES: UNLESS OTHERWISE SPECIFIED