



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

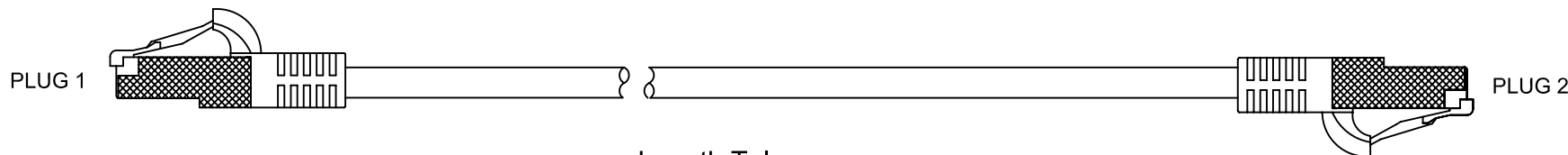
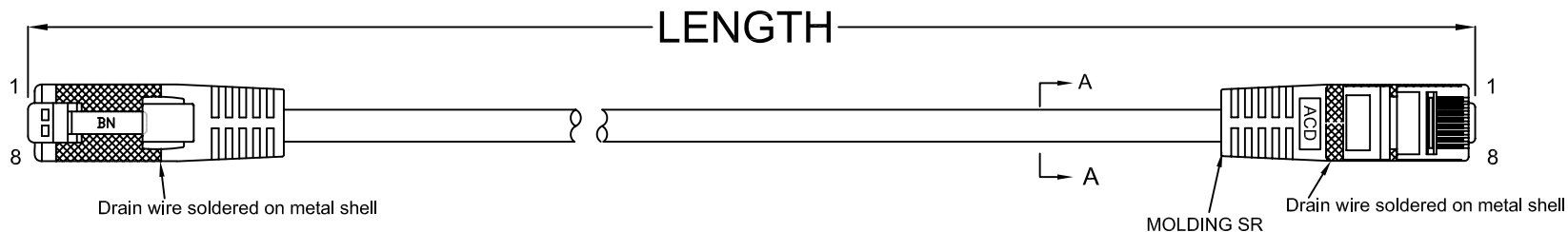
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMPHENOL CABLES ON DEMAND. ANY REPRODUCTION OR DISCLOSURE, TO THIRD PARTIES, IN PART OR WHOLE, WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMPHENOL CABLES ON DEMAND IS PROHIBITED.

REVISONS			
REV.	DESCRIPTION	DATE	APPROVED
A	NEW RELEASE	2/APR/2014	



**CAT.6A FTP LAN CABLE:**

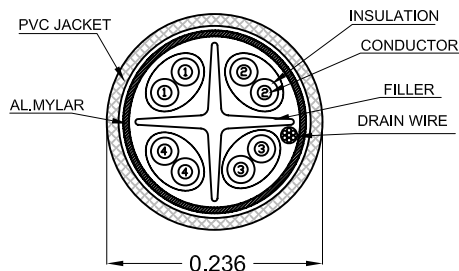
1. Conductor (Stranded): 26AWG (7X0.16mm);
2. Insulation: HD-PE;
3. Color Code:
  - PAIR 1: Blue & White/Blue
  - PAIR 2: Orange & White/Orange
  - PAIR 3: Green & White/Green
  - PAIR 4: Brown & White/Brown
4. Al/Mylar: Coverage 100%; Overlap 25% min;
5. Drain: 7/0.16 ± 0.01mm Tinned Copper;
6. Cable Marking:

Amphenol Cables on Demand TYPE CM 26AWG 4PR 75° C  
(UL) c(UL) E314104 TIA/EIA-568-B.2-10 FTP CAT.6A

7. Rated Temperature: 75° C.
8. Rated Voltage: 300V.
9. UL cUL CM TYPE.
10. Impedance: 100 ± 15% Ω (1 ~ 500 MHz)
11. DC-Resistance Capacitance Unbalance: 5%
12. DC-Resistance: 14.8 Ω/100m AT 20°C MAX
13. Bandwidth: 500 Mhz
14. Bending Radius: 25.4mm (1") min
15. Transmission Requirements TIA/EIA-568-B.2-10 PATCH CORD

**Length Tolerance:**

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



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
Shielded	Shielded	DRAIN WIRE



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	<b>ASM CBL RJ45/RJ45 FTP CAT.6A</b> SIZE DWG. NO. REV. A MP-6ARJ45SNNX A0	
.X ±X	±X°	DRAWN	2/APR/2014		
.XX ±.XX		CHECKED	2/APR/2014		
.XXX ±.XXX		RESP ENG			
THIRD ANGLE PROJECTION		MFG ENG			
CAD FILE:				SCALE	SHEET OF

NOTES: UNLESS OTHERWISE SPECIFIED