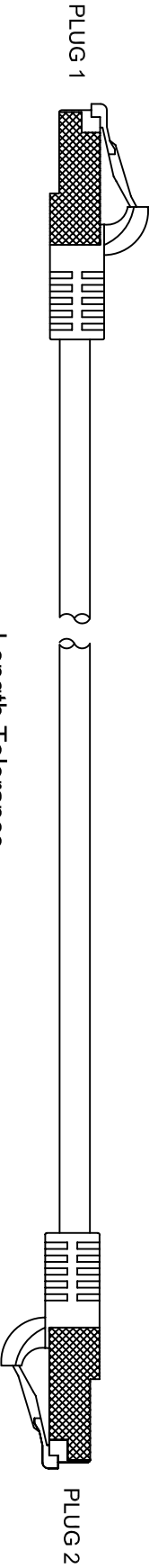
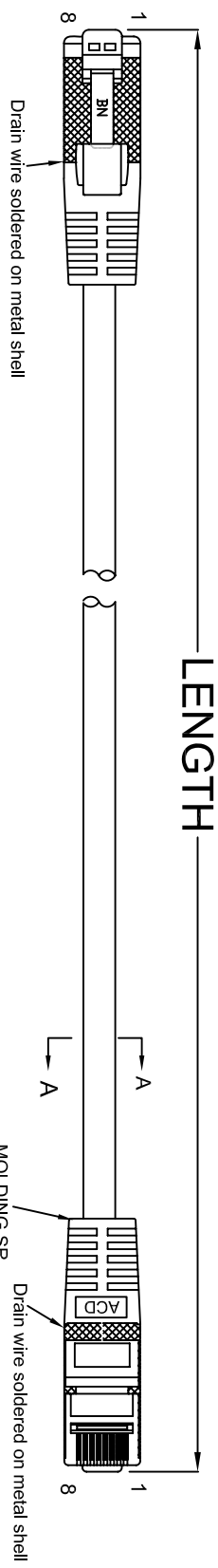


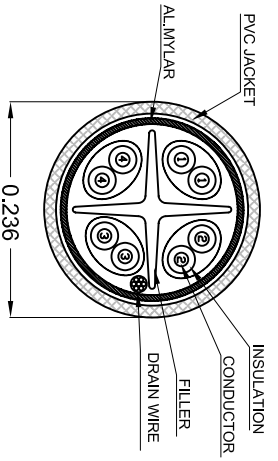
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REV.	DESCRIPTION	DATE	APPROVED
A	NEW RELEASE	2/APR/2014	



- 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: 14.8Ω/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:		DECIMALS		ANGLES		THIRD ANGLE PROJECTION	
X	±X	±X°	APPROVALS <td>DATE <td>DATE <td>DATE <td>DATE <td>DATE <td>DATE </td></td></td></td></td></td>	DATE <td>DATE <td>DATE <td>DATE <td>DATE <td>DATE </td></td></td></td></td>	DATE <td>DATE <td>DATE <td>DATE <td>DATE </td></td></td></td>	DATE <td>DATE <td>DATE <td>DATE </td></td></td>	DATE <td>DATE <td>DATE </td></td>	DATE <td>DATE </td>	DATE
.XX	±.XX	±X°	LF	2/APR/2014					
.XXX	±.XXX	±X°	CHECKED	BA	2/APR/2014				
.XXX	±.XXX	±X°	RESP ENG						
			MFG ENG						

Amphenol Cables on Demand
 20 VALLEY ST. ENDCOTT, NY 13760

ASM CBL R145/R145 FTP CAT.6A

SIZE DWG. NO. **A MP-6ARJ 45SNNX**

NOTES: UNLESS OTHERWISE SPECIFIED

Mouser Electronics

Authorized Distributor

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