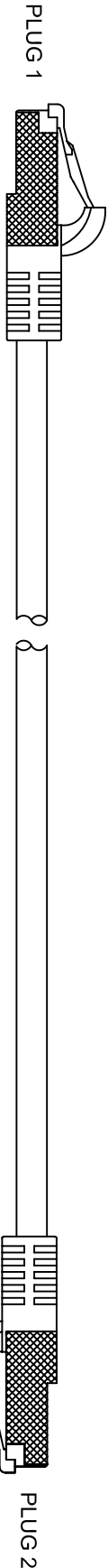
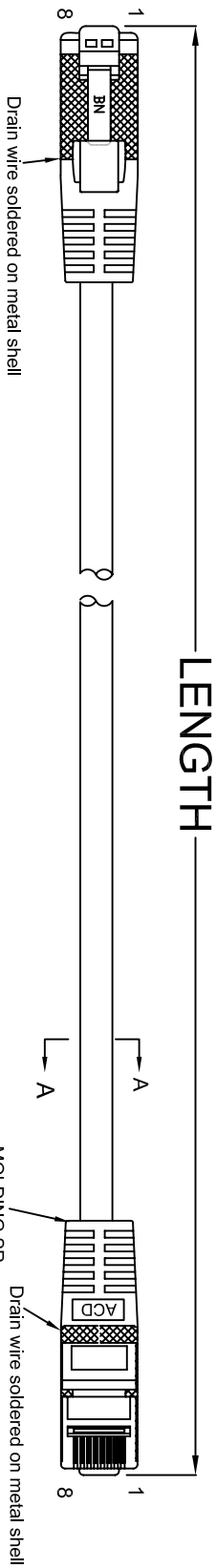


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| REVISIONS |             |  | DATE       | APPROVED |
|-----------|-------------|--|------------|----------|
| REV.      | DESCRIPTION |  |            |          |
| A         | NEW RELEASE |  | 2/APR/2014 |          |



CAT.6A FTP LAN CABLE:

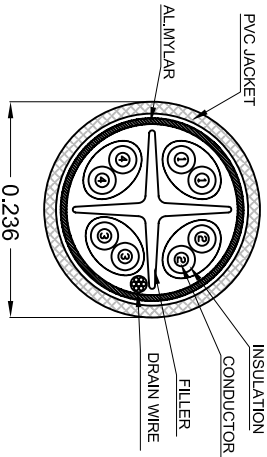
1. Conductor (Stranded): 26AWG (7X0.16mm);
2. Insulation: HD-PE;
3. Color Code:  
PAIR 1: Blue & White/Blue  
PAIR 2: Orange & White/Orange  
PAIR 3: Green & White/Green  
PAIR 4: Brown & White/Brown
4. AL/Mylar: Coverage 100%; Overlap 25%/min;
5. Drain: 7/0.16±0.01mm Tinned Copper;
6. Cable Marking:

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<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES ARE: |        |  | EAR NO.  |    | DATE       |  | APPROVALS |    | DATE       |  | APPROVED |                 |
|---------------------------------------------------------------------------|--------|--|----------|----|------------|--|-----------|----|------------|--|----------|-----------------|
| DECIMALS                                                                  | ANGLES |  | DRAWN    | LF | 2/APR/2014 |  | CHECKED   | BA | 2/APR/2014 |  | SIZE     | DWG. NO.        |
| .X                                                                        | ±X     |  |          |    |            |  |           |    |            |  | A        | MP - 6ARJ45SNNX |
| .XX                                                                       | ±XX    |  |          |    |            |  |           |    |            |  |          |                 |
| .XXX                                                                      | ±XXX   |  |          |    |            |  |           |    |            |  |          |                 |
| THIRD ANGLE PROJECTION                                                    |        |  | RESP ENG |    |            |  |           |    |            |  | REV.     |                 |
|                                                                           |        |  | MFG ENG  |    |            |  |           |    |            |  | A0       |                 |

Amphenol Cables on Demand  
20 VALLEY ST. ENDICOTT, NY 13760  
ASM CBL RJ45/RJ45 FTP CAT.6A

NOTES: UNLESS OTHERWISE SPECIFIED