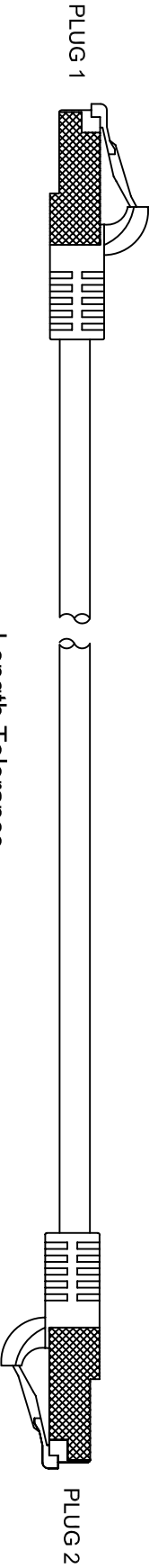
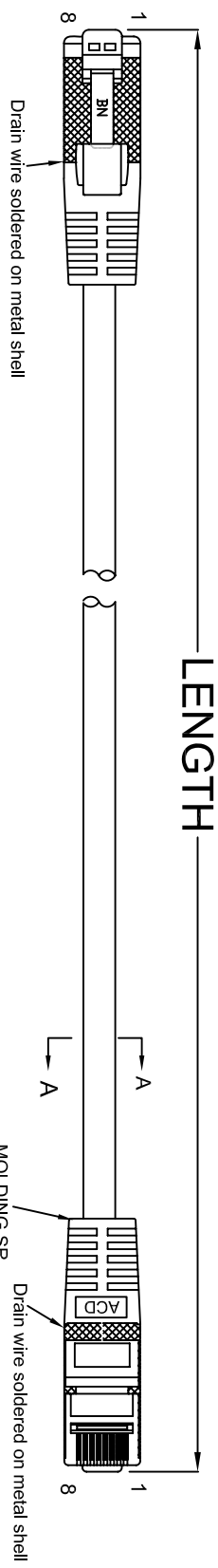


THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF AMPHENOL CABLES ON DEMAND. ANY REPRODUCTION OR DISCLOSURE TO THIRD PARTIES, IN PART OR WHOLE, WITHOUT THE EXPRESS WRITTEN PERMISSION OF AMPHENOL CABLES ON DEMAND IS PROHIBITED.

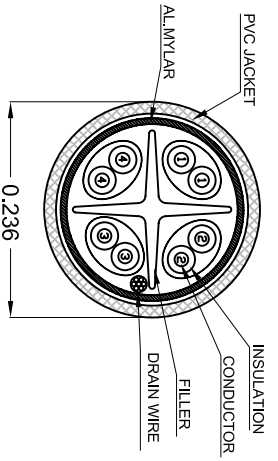
REV.	DESCRIPTION	DATE	APPROVED
A	NEW RELEASE	2/APR/2014	



Length Tolerance:

- Length $\leq 0.5M + 30/-0mm$
- Length $> 0.5M$ & $< 1M + 50/-0mm$
- Length $\geq 1M$ & $\leq 5M + /-50mm$
- Length $> 5M$ & $\leq 10M + /-100mm$

- 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



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	DATE	DATE	DATE	DATE	DATE	DATE
.XX	±.XX	±X°	LF	2/APR/2014	LF	2/APR/2014	LF	2/APR/2014	LF
.XXX	±.XXX	±X°	CHECKED	BA	2/APR/2014	CHECKED	BA	2/APR/2014	CHECKED
.XXX	±.XXX	±X°	RESP ENG			RESP ENG			RESP ENG
.XXX	±.XXX	±X°	MFG ENG			MFG ENG			MFG ENG

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

ASM CBL R45/R45 FTP CAT.6A

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

NOTES: UNLESS OTHERWISE SPECIFIED