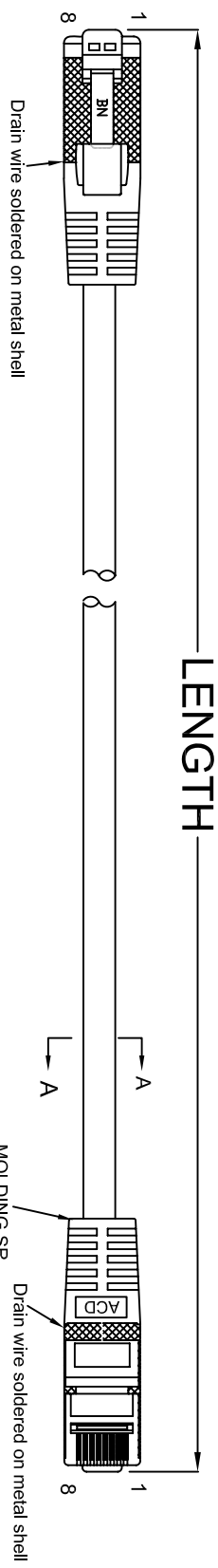
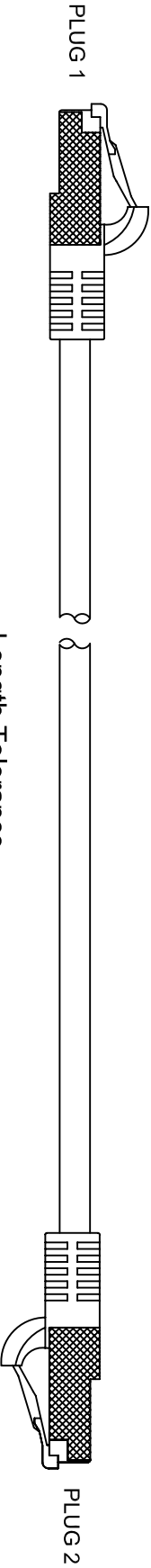


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REV.	DESCRIPTION	DATE	APPROVED
A	NEW RELEASE	2/APR/2014	



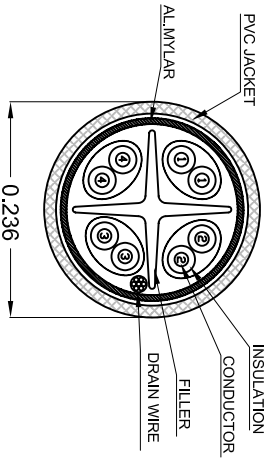
LENGTH



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:
- Conductor(Stranded):26AWG(7X0.16mm);
  - Insulation:HD-PE;
  - Color Code:  
PAIR 1:Blue & White/Blue  
PAIR 2:Orange & White/Orange  
PAIR 3:Green & White/Green  
PAIR 4:Brown & White/Brown
  - Al/Mylar:Coverage 100%;Overlap 25%/min;
  - Drain:7/0.16± 0.01mm Tinned Copper;
  - 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
  - Rated Temperature: 75° C.
  - Rated Voltage: 300V.
  - UL cUL CM TYPE.
  - Impedance: 100± 15% Ω (1~500 MHz)
  - DC-Resistance Capacitance Unbalance: 5%
  - DC-Resistance:14.8Ω/100m AT 20°C MAX
  - Bandwidth:500 Mhz
  - Bending Radius: 25.4mm (1") min
  - 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	DECIMALS	ANGLES	TOLERANCES ARE:
X	±X	±X°	
.XX	±.XX		
.XXX	±.XXX		



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

ASM CBL R145/R145 FTP CAT.6A

APPROVALS	DATE	SIZE	DWG. NO.	REV.
LF	2/APR/2014	A	MP - 6ARJ 45 SNNX	A0
CHECKED				
BA	2/APR/2014			
RESP ENG				
MFG ENG				

NOTES: UNLESS OTHERWISE SPECIFIED