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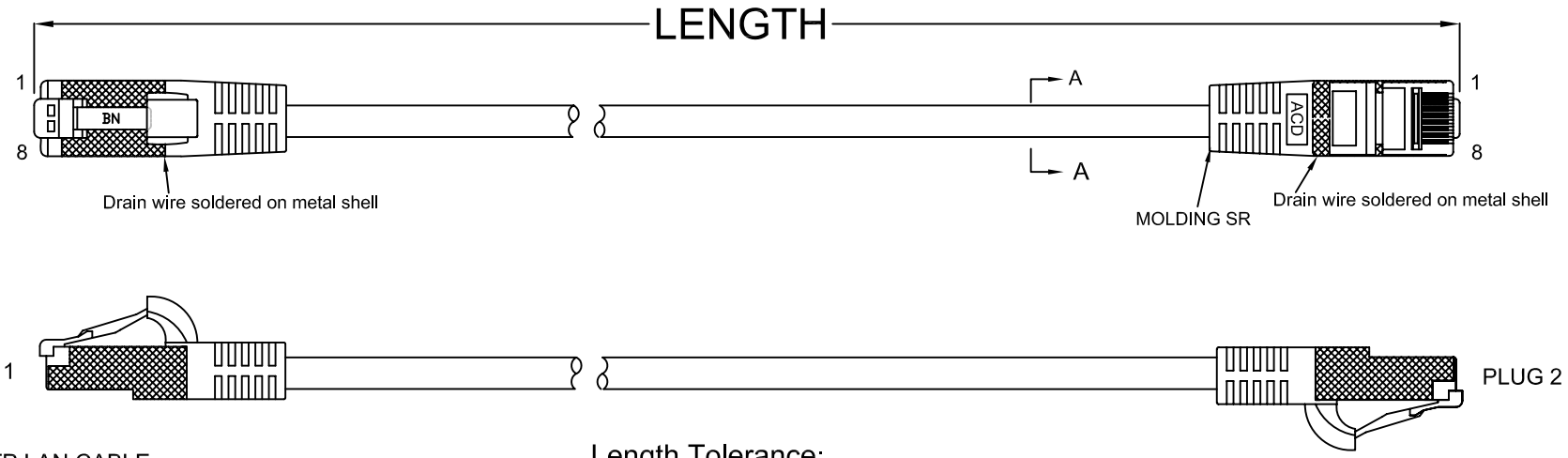
REVISIONS

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

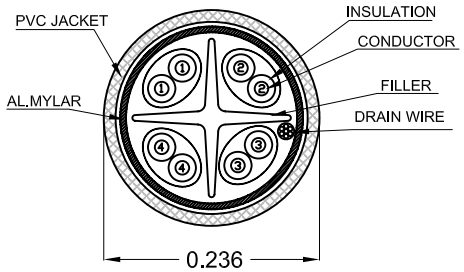


CAT.6A FTP LAN CABLE:
1.Conductor(Stranded):26AWG(7X0.16mm);
2.Insulation:HD-PE;
3.Color Code:
PAIR 1:Blue & White/Blue
PAIR 2:Orange & White/Orange
PAIR 3:Green & White/Green
PAIR 4:Brown & White/Brown
4.Al/Mylar:Coverage 100%;Overlap 25%min;
5.Drain:7/0.16± 0.01mm Tinned Copper;
6.Cable Marking:

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℃ 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

NOTES: UNLESS OTHERWISE SPECIFIED

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE:

DECIMALS		ANGLES
.X	±.X	± X°
.XX	±.XX	
.XXX	±.XXX	

THIRD ANGLE PROJECTION

EAR NO.

APPROVALS		DATE
DRAWN	LF	2/APR/2014
CHECKED	BA	2/APR/2014
RESP ENG		
MFG ENG		

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

ASM CBL RJ45/RJ45 FTP CAT.6A

SIZE A | DWG. NO. MP-6ARJ45SNNX | REV. A0

CAD FILE: | SCALE | SHEET OF