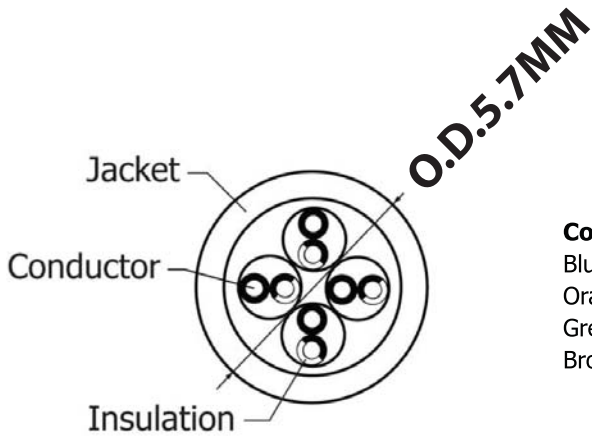


A
B
C
D
E
F
G
H

DESCRIPTION	INSULATION		JACKET
1. Tensile Strength (kgf/mm ²)	Material	HDPE	PVC
	Unaged	≥1.69	≥1.05
	Aged	≥1.27	≥0.74
2. Elongation (%)	Unaged	≥300	≥100
	Aged	≥75	≥65
3. Flexibility Test			
4. Flame Retardant Test			
ECN No:		PASS FT2	
ECN STATE:			

Materials:

- UL2835, ETL Verified / CSA 219561
- Conductor:
 - 24AWG*4P
 - Bare Copper Wire
 - 1/0.515±0.008MM
- Insulation:
 - HDPE
 - Min. Average Thickness: 0.18MM
 - Diameter: 0.92±0.05MM
- Jacket:
 - PVC, CM
 - Min. Average Thickness: 0.55MM
 - Diameter: 5.5±0.15MM
 - Color: Grey / MGY001



Color Code:
 Blue, White/Blue
 Orange, White/Orange
 Green, White/Green
 Brown, White/Brown

Electrical:

- Rated Temperature/Voltage: 60°C / 30V
- DC Conductor Resistance @20°C: ≤93.25Ω/KM 24AWG
- Insulation Resistance @20°C: ≥100MΩ-KM
- Dielectric Strength for 1 Min.: 500V AC

Scale	1:1							Name
TOLERANCE						Drawn	12.19.11	Chappell
X.X	±0.40					Approved		
X.XX	±0.25							
X.XXX	±0.15							
Angle	±3°							
Modification				Date	Name			



Item No.		ATU6-V305T-R	
Title Cat6, UTP, Twisted Pair, AWG24/1, 4x2 pairs, solid, 305 meters			
Drawing No.			
Replace		Sheet	
		rev00	