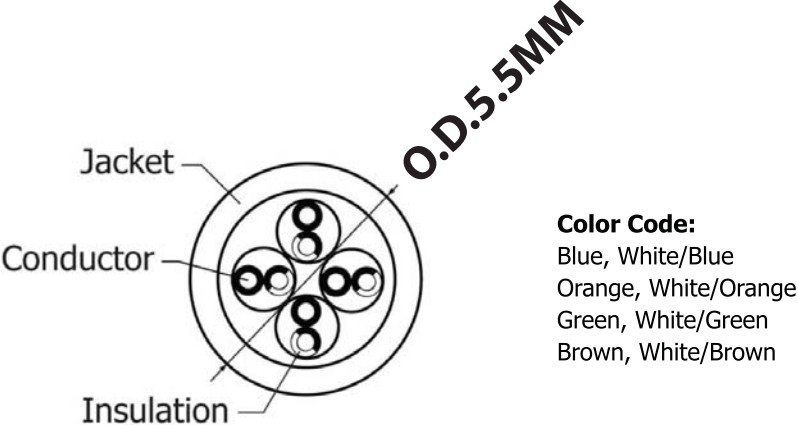


DESCRIPTION	INSULATION		JACKET
1. Tensile Strength (kgf/mm <sup>2</sup> )	Material	HDPE	PVC
	Unaged	≥1.69	≥1.05
	Aged	≥1.27	≥0.74
2. Elongation (%)	Unaged	≥300	≥100
	Aged	≥75	≥65
3. Flexibility Test			
4. Flame Retardant Test			
ECN No:		PASS FT2	
ECN STATE:			

**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



**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.		<b>ATUP-P305T-R</b>
Title		
Drawing No.		<b>rev00</b>
Replace	Sheet	