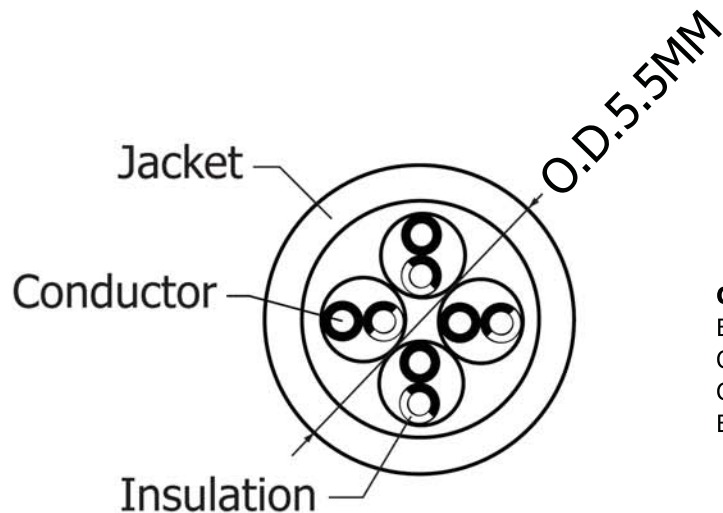


### Physical Properties

DESCRIPTION	INSULATION		JACKET
1. Tensile Strength (kg/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			
PASS FT2			
ECN No:			
ECN STATE:			



#### Color Code:

Blue, White/Blue  
 Orange, White/Orange  
 Green, White/Green  
 Brown, White/Brown

### 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



ITEM NO

**ATUP-P305T-R**

TITLE CAT5e, UTP, Twisted Pair, AWG24/1, 4x2 pairs,  
 Solid, 305 meters

**ASSMANN**  
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