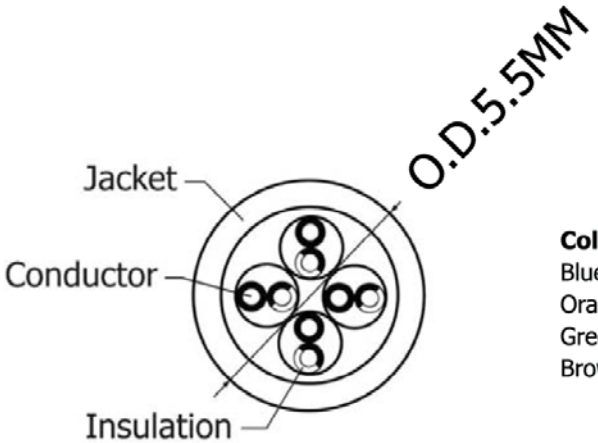
DESCRIPTION		INSULATION	JACKET
1. Tensile Strength (kgf/mm²)	Material	HDPE	PVC
	Unaged	≥1.69	≥1.05
	Aged	≥1.27	≥0.74
2. Elongation (%)	Unaged	≥300	≥100
	Aged	≥75	≥65
3. Flexibility Test			
4. Flame Retardant Test	PASS FT2		
ECN No:			
ECN STATE:			

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



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

RoHS Complaint

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			

ASSMANN WSW components

Item No.
ATUP-P305T

Title
Cat5e, UTP, Twisted Pair, AWG24/1, 4x2 pairs, solid, 305 meters

Drawing No.

rev00

Replace

Sheet