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| WCH Cable, China Good Quality Cable Manufacturer UL21016 Datasheet | <h1>SPECIFICATION</h1> | | Product Name: | UL21016 Flat Ribbon Wire |
| | | | Product Discription: | UL21016 30AWG*6P |
| | | | Document Number: | 2015080602 |
| | | | Factory Name: | WCH Cable Industrial Co., Ltd. |

| Description | | | | Construction | | | | | | | | | | | | | | | | | | | | |
|-------------------------|---------------|------|----------|----------------------------------|------------------------|------------------------|------------------|--|--|--|--|--|--|-------------------|--|--|--|---------------------------|--|------|--|--|--|--|
| Rated Voltage: | 300V | | | Conductor | | Stranded Tinned Copper | | | | | | | | | | | | | | | | | | |
| Rated Temperature: | 105℃ | | | Cores Quantity | | 6PIN | | | | | | | | | | | | | | | | | | |
| Reference Standard: | UL758, UL1581 | | | Size (AWG) | | 30 | | | | | | | | | | | | | | | | | | |
| Construction Figure | | | | Structure | | 7/0.10 | | | | | | | | | | | | | | | | | | |
| | | | | Stranded Diameter (mm) | | 0.30 | | | | | | | | | | | | | | | | | | |
| | | | | Insulation Material | | XL-PE | | | | | | | | | | | | | | | | | | |
| | | | | Average Thickness (mm) | | 0.21 | | | | | | | | | | | | | | | | | | |
| | | | | Minimum Thickness (mm) | | 0.18 | | | | | | | | | | | | | | | | | | |
| | | | | Outer Diameter | ID (±0.05mm) | | 0.75 | | | | | | | | | | | | | | | | | |
| | | | | | H (±0.08mm) | | 0.75 | | | | | | | | | | | | | | | | | |
| W (±0.30mm) | | 4.50 | | | | | | | | | | | | | | | | | | | | | | |
| Marking | | | | Remark: | | | | | | | | | | | | | | | | | | | | |
| Per standard of UL21016 | | | | Characteristics | | | | | | | | | | Customer Approved | | | | | | | | | | |
| Colour | | | | Test Item | | Standard Value | | Please sign the specification and return approved copy to: sales@wchcable.com | | | | | | | | | | | | | | | | |
| Black with White Line | | | | Test Material | | XLPE (RoHS) | | | | | | | | | | | | | | | | | | |
| | | | | Before | Tensile Strength (Mpa) | | ≥13.79 | | | | | | | | | | | | | | | | | |
| | | | | Aging | Elongation (%) | | ≥150 | | | | | | | | | | | | | | | | | |
| | | | | Aging Conduction | | 136±2℃*168hrs | | | | | | | | | | | | | | | | | | |
| | | | | After | Tensile Strength (Mpa) | | ≥70% of original | | | | | | | | | | | | | | | | | |
| Revision Record | | | | Aging | Elongation (%) | | ≥45% of original | | | | | | | | | | | | | | | | | |
| | | | | Version | Drawn by | Apprd by | Date | | | | | | | | | | | Deformation (121±2℃*250g) | | ≤50% | | | | |
| 1.0V | WHB | FRC | 2015/8/6 | Cold Bend (-20±2℃*4hrs) | | No Crack | | | | | | | | | | | | | | | | | | |
| | | | | Heat Shock (136±2℃*1hrs) | | No Crack | | | | | | | | | | | | | | | | | | |
| | | | | Maximum DC Resistance (20℃ Ω/km) | | 381 | | | | | | | | | | | | | | | | | | |
| | | | | Dielectric Strength (kv/min) | | 2.0 | | | | | | | | | | | | | | | | | | |
| | | | | Flammability Test | | FT2 | | | | | | | | | | | | | | | | | | |