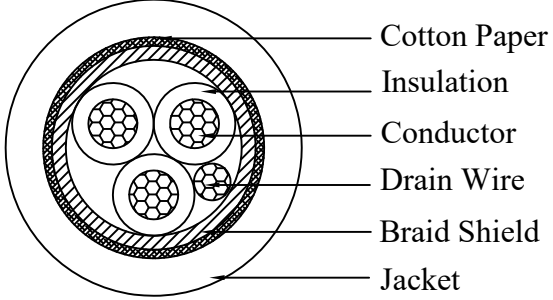


# WCH CABLE INDUSTRIAL CO., LTD.

## SPECIFICATION

|                   |  |             |            |     |
|-------------------|--|-------------|------------|-----|
| STYLE:            | UL20549  | PART NO.    | DATE       | REV |
| COMPONENT:        | 28AWGX3C+D+B+PA  | WCH230802A3 | 2023-08-02 | 1.0 |
| Structure Diagram |  |             |            |     |

### Technical Parameters

|                       |                       |              |                              |
|-----------------------|-----------------------|--------------|------------------------------|
| Conductor             | Specification         |              | 28AWG                        |
|                       | Material              |              | Bare Stranded Copper         |
|                       | Configuration         | (mm)         | AS19/0.08±0.007              |
| Insulation            | Average Thickness     | (mm)         | 0.21                         |
|                       | Minimum Thickness     | (mm)         | 0.17                         |
|                       | Over Diameter         | (mm)         | 0.85±0.05                    |
|                       | Material              |              | TPE (RoHS)                   |
|                       | Colour                |              | White, Black, Red            |
| Assembly              | Drain Wire            | (mm)         | AS19/0.08±0.007              |
|                       | Braid Shield          | (mm)         | TS16/4/0.10±0.007 (≥65%, 6P) |
|                       | Cotton Paper          | (mm)         | 0.025                        |
| Jacket                | Average Thickness     | (mm)         | 0.83                         |
|                       | Minimum Thickness     | (mm)         | 0.61                         |
|                       | Over Diameter         | (mm)         | 4.00±0.20                    |
|                       | Material              |              | Polyurethane TPU             |
|                       | Colour                |              | Black                        |
| Electrical Capability | Rated Temperature     | (°C)         | 80                           |
|                       | Rated Voltage         | (V)          | 300                          |
|                       | Conductor Resistance  | (Ω/KM 20°C)  | 223                          |
|                       | Insulation Resistance | (MΩ/KM 20°C) | 100                          |
| Marking               | Per standard.         |              |                              |