

## #5296 2 PR 22 AWG IND FOIL SHEILD cUL PVC



**Part NO:** RGW-963

**Product Code:** 2 Pair 22 AWG PVC

### Product Description

#### Application:

Multi-Conductor-Audio,Control, & Instrumentation  
Cables

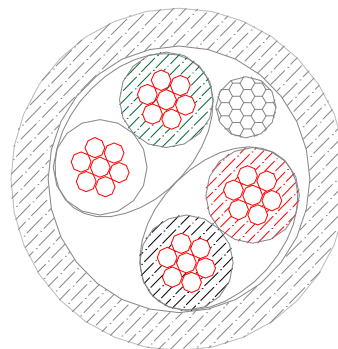
#### Construction

|                                                    |                           |
|----------------------------------------------------|---------------------------|
| <b>2 PAIRS(4 CORES)</b>                            | <b>Tinned Copper</b>      |
| AWG                                                | 22                        |
| Construction                                       | T0.25±0.008 x 7           |
| Stranded Dia.(mm)                                  | 0.77                      |
| <b>Insulation</b>                                  | <b>HDPE</b>               |
| Thickness                                          | 0.21                      |
| Insulation Dia.(mm)                                | 1.2±0.08                  |
| Insulation Color                                   | Black, Red, White, Green, |
| <b>Shield</b>                                      | <b>AL/PET</b>             |
| Construction                                       |                           |
| Each pair is twisted Individual Al-Pet 100% Screen |                           |
| <b>Total Drain wire</b>                            | <b>Tinned Copper</b>      |
| AWG                                                | 24                        |
| Construction                                       | T0.20±0.008 x 7           |
| <b>Jacket</b>                                      | <b>PVC</b>                |
| Thickness(mm)                                      | 0.3                       |
| Dia.(±0.15mm)                                      | 4.06                      |
| Jacket Color                                       | Slate Grey                |

#### Marking

Exxxxxx #5296 2PR 22AWG SHEILDED 75C CMG (UL) c(UL)  
CE ROHS

### Design



#### Electrical Characteristics

|                                              |                                     |
|----------------------------------------------|-------------------------------------|
| Max.Conductor DC Resistance at 20°C ( Ω /Km) | <55.2                               |
| Rated Temperature(°C)                        | 75                                  |
| Rated Voltage(V)                             | 300                                 |
| 20°C Insulation Resistance(M Ω .KM)          | >200                                |
| Nominal Capacitance(PF/M;+/-10%)             | 115                                 |
| Nominal Velocity ratio (%)                   | 66%                                 |
| Nominal Impedance( Ω )                       | 45                                  |
| UL                                           | CMG 75C                             |
| CSA                                          | c(UL) Type CMG 75C                  |
| CE                                           | EU Low Voltage Directive 2006/95/EC |

### RoHS GUIDELINE

We operate according to the following standards

| Control Item                         | Standard  | Testing Method  | Testing Equipment |
|--------------------------------------|-----------|-----------------|-------------------|
| Cadmium content (Cd)                 | <0.01%    | EN1122          | ICP-AES           |
| Lead content (Pb)                    | <0.1%     | EPA3050B        | ICP-AES           |
| Mercury content (Hg)                 | <0.1%     | EPA3052         | ICP-AES           |
| Chromium (VI) content                | <0.1%     | EPA3060(UN-VIS) | ICP-AES           |
| Polybrominated Biphenyls(PBB)        | Forbidden | GC/MS           |                   |
| Polybrominated Diphenyl Ether (PBDE) | Forbidden | GC/MC           |                   |

#### Revision History

A0-1

Date: 2008-09-16

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