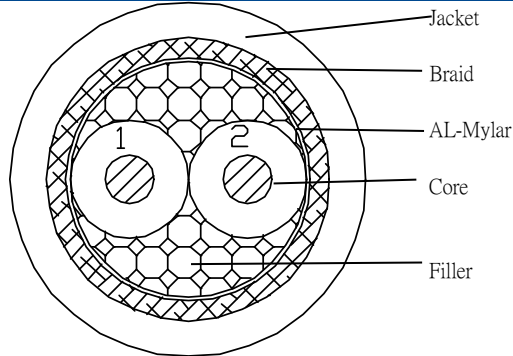


# Product Specification

Part No.:XB2587690

STYLE 2587 CONTROL CABLE

### Cross Section



### Marking

BELDEN E357312-S 2C0.75SQMM SHIELDED  AWM STYLE 2587 90C 600V  
VW-1- - - c  AWM I/II A/B 90C 600V FT1 ROHS

### Description

|                                  |       |                   |
|----------------------------------|-------|-------------------|
| Rated Voltage (V)                |       | 600               |
| Rated Temperature (°C)           | fixed | -40~90            |
|                                  | moved | -5~90             |
| Product Standard Certification   |       | UL                |
| Flammability Test                |       | UL VW-1 & CSA FT1 |
| Conductor accord IEC60228 Class5 |       |                   |

### Application

For external or internal wiring of electronic equipment

### Reference Standard

UL758, UL1581 & CSA C22.2 No.210.2

### Construction

|                                      |                             |
|--------------------------------------|-----------------------------|
| <b>2C</b>                            |                             |
| <b>Conductor</b>                     | <b>Stranded Bare Copper</b> |
| SQ(mm <sup>2</sup> )                 | 0.75                        |
| Construction                         | 24/0.2                      |
| Stranded Dia. (mm)                   | 1.13                        |
| <b>Insulation</b>                    | <b>PVC</b>                  |
| Min. Thickness (mm)                  | 0.58                        |
| Nom. Thickness (mm)                  | 0.76                        |
| Insulation Dia. (±0.1mm)             | 2.70                        |
| <b>Assembly</b>                      | <b>2C+Filler</b>            |
| Direction                            | S                           |
| <b>AL-Mylar shield (Overlapping)</b> | ≥ 25%                       |
| <b>Braid shield</b>                  | <b>Tinned Copper</b>        |
| Coverage(%)                          | ≥ 85%                       |
| <b>Jacket</b>                        | <b>PVC</b>                  |
| Min. Thickness (mm)                  | 0.75                        |
| Nom. Thickness (mm)                  | 1.00                        |
| Dia. (±0.25mm)                       | 8.00                        |

### Color

### Insulation

1: Black 2. Yellow/Green

### Jacket

According to the Customer's requirement.

### Performance

### Electrical Characteristics:

|  |             |      |
|--|-------------|------|
| Max. Conductor DC Resistance at 20°C (Ω /km) |             | 26.0 |
| Dielectric Strength (kV/min)                 | Core*Core   | 3.0  |
|  | Core*Shield | 2.0  |

### Mechanical Characteristics:

| Test Object            | Insulation             | Jacket            |
|------------------------|------------------------|-------------------|
| Test Material          | PVC                    | PVC               |
| Before                 | Tensile Strength (Mpa) | ≥ 10.3            |
| Aging                  | Elongation (%)         | ≥ 100             |
| Aging Condition (°C)   | 121±2°C X 168 hrs      |                   |
| After                  | Tensile Strength (Mpa) | ≥ 70% of original |
| Aging                  | Elongation (%)         | ≥ 65% of original |
| Minimum Bending radius |                        | 10XD              |

### Sample Record

|                                  |         |
|----------------------------------|---------|
| Sample No. :                     |         |
| Original spec no. : SZ-B2587-527 | Rev.:0  |
| Ref. spec No. : SK-B2587-690     | Rev.: 0 |

### Revision History

Prepared by: MYQ 2014/5/16 Table No.:T100 Rev.: 0  
Approved by: CICI CHENG 2014/5/16 Page 1 of 1