

7410A Multi-Conductor - 600V FCC Control Cables for Moderate Flexing



For more Information
please call

1-800-Belden1

**Description:**

18 AWG stranded (16x30) bare copper conductors, PVC insulation, unshielded, oil- and abrasion-resistant PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

| # Conductors | AWG | Stranding | Conductor Material |
|--------------|-----|-----------|--------------------|
| 3 | 18 | 16x30 | BC - Bare Copper |

Insulation**Insulation Material:**

| Insulation Material | Wall Thickness (in.) |
|--------------------------|----------------------|
| PVC - Polyvinyl Chloride | .022 |

Insulation Resistance:

6.1 Megaohms/1000 ft. minimum

Outer Shield**Outer Shield Material:**

| Outer Shield Material |
|-----------------------|
| Unshielded |

Outer Jacket**Outer Jacket Material:**

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--------------------------|---------------------------|
| PVC - Polyvinyl Chloride | .040 |

Overall Cable**Overall Nominal Diameter:**

0.280 in.

Mechanical Characteristics (Overall)

| | |
|---|--------------------------|
| Operating Temperature Range: | -40°C To +90°C |
| Other Temperature Range: | Flexing: -5°C To +90°C |
| UL Temperature Rating: | 90°C (UL AWM Style 2587) |
| Bulk Cable Weight: | 45 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 74 lbs. |
| Min. Bend Radius (Install)/Minor Axis: | 2.800 in. |
| Min. Bend Radius (Continuous Flexing): | 4.200 in. |
| Flex Cycle Rating: | 1 Million Flexes |

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

| | |
|--|----------------------------|
| AWM Specification: | UL Style 2587 (600 V 90°C) |
| CSA Specification: | AWM I A/B II A/B |
| EU Directive 2000/53/EC (ELV): | Yes |
| EU Directive 2002/95/EC (RoHS): | Yes |

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| | |
|---------------------------------------|------------|
| EU RoHS Compliance Date (mm/dd/yyyy): | 10/01/2005 |
|---------------------------------------|------------|

| | |
|---------------------------------|-----|
| EU Directive 2002/96/EC (WEEE): | Yes |
|---------------------------------|-----|

| | |
|--------------------------------|-----|
| EU Directive 2003/11/EC (BFR): | Yes |
|--------------------------------|-----|

| | |
|-----------------------------------|-----|
| CA Prop 65 (CJ for Wire & Cable): | Yes |
|-----------------------------------|-----|

| | |
|-----------------------------|-----|
| MII Order #39 (China RoHS): | Yes |
|-----------------------------|-----|

Flame Test

| | |
|----------------|-------------------------|
| UL Flame Test: | UL1685 UL Loading, VW-1 |
|----------------|-------------------------|

| | |
|-----------------|-----|
| CSA Flame Test: | FT1 |
|-----------------|-----|

Suitability

| | |
|-----------------|-----|
| Oil Resistance: | Yes |
|-----------------|-----|

Plenum/Non-Plenum

| | |
|---------------|----|
| Plenum (Y/N): | No |
|---------------|----|

Electrical Characteristics (Overall)**Nom. Conductor DC Resistance:**

| |
|--------------------------|
| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|

| |
|-----|
| 6.5 |
|-----|

Max. Operating Voltage - UL:

| |
|---------|
| Voltage |
|---------|

| |
|-------------------------------|
| 600 V RMS (UL AWM Style 2587) |
|-------------------------------|

Related Documents:

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------|-------|-------------|-------|-------|-----------|
|--------|-------|-------------|-------|-------|-----------|

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