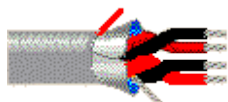


9512 Multi-Conductor - 300V Power-Limited Tray Cable



For more Information
please call

1-800-Belden1

**Description:**

22 AWG pairs stranded (7x30) tinned copper conductors, twisted pairs, PVC insulation, overall Beldfoil® shield (100% coverage), PVC jacket.

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

| # Pairs | AWG | Stranding | Conductor Material |
|---------|-----|-----------|--------------------|
| 2 | 22 | 7x30 | TC - Tinned Copper |

Insulation**Insulation Material:**

| Insulation Material | Dia. (in.) |
|--|------------|
| F-R PVC - Flame Retardant Polyvinyl Chloride | .062 |

Outer Shield**Outer Shield Material:**

| Outer Shield Trade Name | Type | Outer Shield Material | Coverage (%) |
|-------------------------|------|------------------------------|--------------|
| Beldfoil® | Tape | Aluminum Foil-Polyester Tape | 100 |

Outer Shield Drain Wire AWG:

| AWG | Stranding | Drain Wire | Conductor Material |
|-----|-----------|------------|--------------------|
| 22 | 7x30 | | TC - Tinned Copper |

Outer Jacket**Outer Jacket Material:**

| Outer Jacket Material | Nom. Wall Thickness (in.) |
|--|---------------------------|
| F-R PVC - Flame Retardant Polyvinyl Chloride | .042 |

Outer Jacket Ripcord: Yes

Overall Cable

Overall Nominal Diameter: 0.310 in.

Pair**Pair Color Code Chart:**

| Number | Color |
|--------|--------------------------|
| 1 | Black & Red and Numbered |
| 2 | Black & Red and Numbered |

Mechanical Characteristics (Overall)

Operating Temperature Range: -30°C To +105°C

UL Temperature Rating: 105°C

Bulk Cable Weight: 37 lbs/1000 ft.

Max. Recommended Pulling Tension: 46 lbs.

Min. Bend Radius (Install)/Minor Axis: 3 in.

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

9512 Multi-Conductor - 300V Power-Limited Tray Cable

| | |
|-----------------------|----------------|
| NEC/UL Specification: | PLTC, ITC, CMG |
|-----------------------|----------------|

| | |
|--------------------------|-----|
| CEC/C(UL) Specification: | CMG |
|--------------------------|-----|

| | |
|-------------|-----|
| EU CE Mark: | Yes |
|-------------|-----|

| | |
|--------------------------------|-----|
| EU Directive 2000/53/EC (ELV): | Yes |
|--------------------------------|-----|

| | |
|---------------------------------|-----|
| EU Directive 2002/95/EC (RoHS): | Yes |
|---------------------------------|-----|

| | |
|---------------------------------------|------------|
| EU RoHS Compliance Date (mm/dd/yyyy): | 04/01/2005 |
|---------------------------------------|------------|

| | |
|---------------------------------|-----|
| 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 FT4 Loading |
|----------------|--------------------|

| | |
|-------------------|-----|
| C(UL) Flame Test: | FT4 |
|-------------------|-----|

| | |
|------------------|------|
| IEEE Flame Test: | 1202 |
|------------------|------|

| | |
|------------------|----------|
| ICEA Flame Test: | T-29-520 |
|------------------|----------|

Suitability

| | |
|-----------------------|-----|
| Suitability - Indoor: | Yes |
|-----------------------|-----|

| | |
|------------------------|-----|
| Suitability - Outdoor: | Yes |
|------------------------|-----|

| | |
|-----------------------|-----|
| Suitability - Burial: | Yes |
|-----------------------|-----|

| | |
|----------------------|-----|
| Sunlight Resistance: | Yes |
|----------------------|-----|

Plenum/Non-Plenum

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

Surface Printing (Overall)**Electrical Characteristics (Overall)****Nom. Inductance:**

| |
|--------------------|
| Inductance (μH/ft) |
|--------------------|

| |
|-----|
| .21 |
|-----|

Nom. Capacitance Conductor to Conductor:

| |
|---------------------|
| Capacitance (pF/ft) |
|---------------------|

| |
|----|
| 26 |
|----|

Nom. Capacitance Cond. to Other Conductor & Shield:

| |
|---------------------|
| Capacitance (pF/ft) |
|---------------------|

| |
|----|
| 45 |
|----|

Nom. Conductor DC Resistance:

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

| |
|----|
| 15 |
|----|

Nominal Outer Shield DC Resistance:

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

| |
|----|
| 15 |
|----|

Max. Operating Voltage - UL:

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

| |
|-----------|
| 300 V RMS |
|-----------|

Max. Recommended Current:

| |
|---------|
| Current |
|---------|

| |
|-------------------------------|
| 3.8 Amps per conductor @ 25°C |
|-------------------------------|

Related Documents:

9512 Multi-Conductor - 300V Power-Limited Tray Cable

No related documents are available for this product

Put Ups and Colors:

| Item # | Putup | Ship Weight | Color | Notes | Item Desc |
|--------------|----------|-------------|--------|-------|---------------------|
| 9512 0601000 | 1,000 FT | 42.000 LB | CHROME | C | 2 PR #22 PVC FS PVC |
| 9512 060500 | 500 FT | 22.000 LB | CHROME | C | 2 PR #22 PVC FS PVC |

Notes:

C = CRATE REEL PUT-UP.

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