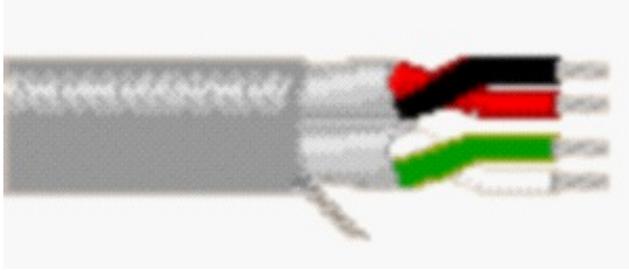


Part Number: 8723

Audio, Control & Instrument, #22-2pr, PO, Indiv. Foil, PVC Jkt, CM



Product Description

Audio, Control & Instrument Cable, 22 AWG stranded (7x30) tinned copper conductors, polypropylene insulation, twisted pairs, individually Beldfoil® shielded (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

| AWG | Stranding | Material | No. of Pairs |
|------------------------------------|-----------|--------------------|--------------|
| 22 | 7x30 | TC - Tinned Copper | 2 |
| Total Number of Conductors: | | | 4 |

Insulation:

| Material | Nominal Wall Thickness |
|--------------------|------------------------|
| PP - Polypropylene | 0.009 in |

Color Chart 1:

| Number | Color |
|--------|---------------|
| 1 | Red & Black |
| 2 | Green & White |

Innershield:

| Type | Material | Material Trade Name | Coverage [%] | Drainwire Material | Drainwire AWG | Drainwire Construction n x D |
|------|------------------------------|---------------------|--------------|--------------------|---------------|------------------------------|
| Tape | Aluminum Foil-Polyester Tape | Beldfoil® (Z-Fold®) | 100 % | TC - Tinned Copper | 24 | 7x32 mm |

Outershield 1:

| Material |
|------------|
| Unshielded |

Outerjacket 1:

| Material | Nominal Diameter | Nominal Wall Thickness |
|--------------------------|------------------|------------------------|
| PVC - Polyvinyl Chloride | 0.16 in | 0.02 in |

Electrical Characteristics

Conductor DCR:

| Individual Pair Nominal Shield DCR | Nominal Conductor DCR | Nominal Outer Shield DCR |
|------------------------------------|-----------------------|--------------------------|
| 15 Ohm/1000ft | 14.7 Ohm/1000ft | 10 Ohm/km |

Capacitance:

| Nom. Capacitance Conductor to Conductor | Nom. Capacitance Conductor to Other Conductor to Shield |
|---|---|
| 33 pF/ft | 62 pF/ft |

Impedance:

| Nominal Characteristic Impedance |
|----------------------------------|
| 52 Ohm |

High Frequency (Nominal/Typical):

| Nom. Insertion Loss |
|---------------------|
| 10 db/100m |

Delay:

| Nominal Velocity of Propagation (VP) [%] |
|--|
| 66 % |

Current:

| Max. Recommended Current [A] |
|---------------------------------|
| 2.3 Amps per conductor @ 25°C A |

Inductance:

| Nominal Inductance |
|--------------------|
| 0.17 μ H/ft |

Voltage:

| UL Voltage Rating |
|-------------------|
| 300V RMS |

Use

| | |
|----------------------------------|--------|
| Max Recommended Pulling Tension: | 42 lbs |
|----------------------------------|--------|

Safety

| | |
|------------------|-------------------|
| UL Flammability: | UL1685 UL Loading |
|------------------|-------------------|

Temperature Range

| | |
|-----------------------|----------------|
| Operating Temp Range: | -20°C To +75°C |
|-----------------------|----------------|

| | |
|-----------------|------|
| UL Temp Rating: | 60°C |
|-----------------|------|

Mechanical Characteristics

| | |
|-----------------------------|---------|
| Min Bend Radius/Minor Axis: | 1.75 in |
|-----------------------------|---------|

Part Number

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

| | |
|----------------|---------------------|
| Plenum Number: | 82723, 87723, 88723 |
|----------------|---------------------|

Standards

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

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

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

| | |
|-------------------------|----|
| NEC/(UL) Specification: | CM |
|-------------------------|----|

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

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

History

Product Variants

| Part Number | Color | Put-Up Type | Length |
|---------------|--------|-------------|----------|
| 8723 06010000 | CHROME | Reel | 10000 ft |
| 8723 06010001 | CHROME | Reel | 10000 ft |
| 8723 0601000 | CHROME | Reel | 1000 ft |
| 8723 060100 | CHROME | Reel | 100 ft |
| 8723 06015000 | CHROME | Reel | 15000 ft |
| 8723 0601640 | CHROME | Reel | 1640 ft |
| 8723 0602000 | CHROME | Reel | 2000 ft |
| 8723 0603280 | CHROME | Reel | 3280 ft |
| 8723 0605000 | CHROME | Reel | 5000 ft |
| 8723 060500 | CHROME | Reel | 500 ft |
| 8723 0609999 | CHROME | Reel | 10000 ft |
| 8723 060U1000 | CHROME | UnReel | 1000 ft |
| 8723 060U2000 | CHROME | Reel | 2000 ft |
| 8723 060U500 | CHROME | UnReel | 500 ft |
| 8723.00U152 | | | |
| 8723.00U153 | | | |
| 8723.00U305 | | | |
| 8723.011525 | | | |
| 8723.01152 | | | |
| 8723.01153 | | | |
| 8723.01305 | | | |

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