

## 9262 Composite - Cables for TV Cameras and CCTV



For more Information  
please call

1-800-Belden1



### General Description:

13 conductor (1 coax, 12 cond), remote control and video cable, foam polyethylene (coax) and PVC (cond) insulation, coax: BC braid (95% coverage), overall TC braid (80% coverage), overall PVC jacket.

### Coax

#### Physical Characteristics

##### Conductor

AWG:

| # Coax | AWG | Stranding | Conductor Material | Dia. (in.) |
|--------|-----|-----------|--------------------|------------|
| 1      | 22  | 7x30      | TC - Tinned Copper | .031       |

##### Insulation

Insulation Material:

| Insulation Material     | Dia. (in.) |
|-------------------------|------------|
| FPE - Foam Polyethylene | .146       |

##### Inner Shield

Inner Shield Material:

| Type  | Inner Shield Material | % Coverage (%) |
|-------|-----------------------|----------------|
| Braid | BC - Bare Copper      | 95             |

##### Inner Jacket

Inner Jacket Material:

| Inner Jacket Material    | Nom. Dia. (in.) |
|--------------------------|-----------------|
| PVC - Polyvinyl Chloride | .208            |

#### Electrical Characteristics

Nom. Characteristic Impedance:

| Impedance (Ohm) |
|-----------------|
| 75              |

Nom. Capacitance Conductor to Shield:

| Capacitance (pF/ft) |
|---------------------|
| 17.3                |

Nominal Velocity of Propagation:

| VP (%) |
|--------|
| 78     |

Nominal Delay:

| Delay (ns/ft) |
|---------------|
| 1.3           |

Nom. Conductor DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 14.4                     |

Nom. Inner Shield DC Resistance:

| DCR @ 20°C (Ohm/1000 ft) |
|--------------------------|
| 2.55                     |

Nom. Attenuation:

| Freq. (MHz) | Attenuation (dB/100 ft.) |
|-------------|--------------------------|
| .5          | .2                       |
| 1           | .29                      |
| 5           | .67                      |
| 10          | .95                      |
| 100         | 3.1                      |
| 200         | 4.4                      |
| 400         | 6.3                      |

Max. Operating Voltage - UL:

300 V RMS

**Twisted Pair**
**Physical Characteristics**  
 Individual Shield
**Multi Conductor**
**Physical Characteristics**  
 Conductor

AWG:

| # Conductors | AWG | Stranding | Conductor Material | Dia. (in.) |
|--------------|-----|-----------|--------------------|------------|
| 12           | 20  | 7x28      | TC - Tinned Copper | 0.038      |

**Insulation**

Insulation Material:

| Insulation Material      | Dia. (in.) |
|--------------------------|------------|
| PVC - Polyvinyl Chloride | .070       |

**Electrical Characteristics**

Max. Operating Voltage - UL:

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

**Physical Characteristics (Overall)****Outer Shield**

Outer Shield Material:

| Type  | Outer Shield Material | Coverage (%) |
|-------|-----------------------|--------------|
| Braid | TC - Tinned Copper    | 80           |

**Outer Jacket**

Outer Jacket Material:

| Outer Jacket Material    |
|--------------------------|
| PVC - Polyvinyl Chloride |

**Overall Cable**

Overall Nominal Diameter: 0.460 in.

**Mechanical Characteristics (Overall)**

|                                   |                  |
|-----------------------------------|------------------|
| Operating Temperature Range:      | -30°C To +75°C   |
| UL Temperature Rating:            | 75°C             |
| Bulk Cable Weight:                | 150 lbs/1000 ft. |
| Max. Recommended Pulling Tension: | 305 lbs.         |
| Min. Bend Radius/Minor Axis:      | 4.750 in.        |

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

|                                       |                                                                        |
|---------------------------------------|------------------------------------------------------------------------|
| NEC/(UL) Specification:               | CL2X                                                                   |
| AWM Specification:                    | UL Style 1007 (singles), UL Style 1354 (Coax), UL Style 2594 (Overall) |
| EU Directive 2011/65/EU (ROHS II):    | 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                                                                    |
| MIL Order #39 (China RoHS):           | Yes                                                                    |

**Plenum/Non-Plenum**

Plenum (Y/N): No

**Electrical Characteristics (Overall)**

Max. Operating Voltage - UL:

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

**Put Ups and Colors:**

## 9262 Composite - Cables for TV Cameras and CCTV

| Item #       | Putup    | Ship Weight | Color | Notes | Item Desc                |
|--------------|----------|-------------|-------|-------|--------------------------|
| 9262 008100  | 100 FT   | 16.700 LB   | GRAY  |       | 12#20,1#22,PVC,FPE S PVC |
| 9262 0081000 | 1,000 FT | 157.000 LB  | GRAY  | C     | 12#20,1#22,PVC,FPE S PVC |

**Notes:**

C = CRATE REEL PUT-UP.

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