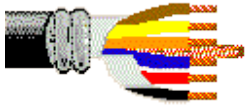


## 27286 Multi-Conductor - 600V Type MC Metal Clad Cable

For more Information  
please call

1-800-Belden1



### General Description:

10 AWG stranded (7x18) bare copper conductors, 10 AWG bare copper ground wire, aluminum interlocked armor, cross-linked polyethylene insulation, PVC jacket.

### Physical Characteristics (Overall)

#### Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material
12	10	7x18	BC - Bare Copper

Total Number of Conductors: 12

#### Ground Wire

Ground Wire (Y/N): Y

Ground Wire AWG: 10

Ground Wire Stranding: 7x18

Ground Wire Conductor Material: BC - Bare Copper

#### Insulation

Insulation Material:

Insulation Material	Wall Thickness (mm)
XLPE - Cross Linked Polyethylene	0.762

#### Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

#### Outer Jacket

Outer Jacket over Armor (y/n): Y

#### Outer Jacket over Armor

Outer Jacket Material over Armor (y/n): PVC

Outer Jacket Wall Thickness Over Armor: .050

#### Armor

Armor Type: Interlocked

Armor Material: Aluminum

Diameter over Armor: 1.01

#### Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow
6	Brown
7	Red/Black

8	Blue/Black
9	Orange/Black
10	Yellow/Black
11	Brown/Black
12	Black/Red

**Overall Nominal Diameter:** 28.448 mm

### Mechanical Characteristics (Overall)

<b>Operating Temperature Range:</b>	-40°C To +90°C
<b>Wet Temperature Range:</b>	-40°C To +90°C
<b>Dry Temperature Range:</b>	-40°C To +90°C
<b>Bulk Cable Weight:</b>	1195.020 Kg/Km
<b>Max. Recommended Pulling Tension:</b>	4270.270 N
<b>Min. Bend Radius/Minor Axis:</b>	347.980 mm

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

<b>NEC/(UL) Specification:</b>	MC, XHHW-2 Singles, UL1569
<b>EU Directive 2011/65/EU (ROHS II):</b>	Yes
<b>EU Directive 2000/53/EC (ELV):</b>	Yes
<b>EU Directive 2002/95/EC (RoHS):</b>	Yes
<b>EU RoHS Compliance Date (mm/dd/yyyy):</b>	10/13/2005
<b>EU Directive 2002/96/EC (WEEE):</b>	Yes
<b>EU Directive 2003/11/EC (BFR):</b>	Yes
<b>CA Prop 65 (CJ for Wire &amp; Cable):</b>	Yes
<b>MII Order #39 (China RoHS):</b>	Yes

#### Flame Test

**UL Flame Test:** UL1685 UL Loading

#### Suitability

<b>Suitability - Burial:</b>	Yes
<b>Sunlight Resistance:</b>	Yes

#### Plenum/Non-Plenum

**Plenum (Y/N):** No

### Electrical Characteristics (Overall)

#### Nom. Conductor DC Resistance:

<b>DCR @ 20°C (Ohm/km)</b>
3.34662

#### Max. Operating Voltage - UL:

<b>Voltage</b>
600 V RMS

#### Max. Recommended Current:

<b>Current</b>
15 Amps per conductor @ 25°C

### Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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## 27286 Multi-Conductor - 600V Type MC Metal Clad Cable

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