

## 27279 Multi-Conductor - 600V Type MC Metal Clad Cable



For more Information  
please call

1-800-Belden1

**Description:**

12 AWG stranded (7x20) bare copper conductors, 12 AWG bare copper ground wire, e cross-linked polyethylene insulation, aluminum interlocked armor, PVC jacket.

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

# Conductors	AWG	Stranding	Conductor Material
25	12	7x20	BC - Bare Copper

**Ground Wire**

Ground Wire (Y/N):	Y
Ground Wire AWG:	12
Ground Wire Stranding:	7x20
Ground Wire Conductor Material:	BC - Bare Copper

**Insulation****Insulation Material:**

Insulation Material	Wall Thickness (in.)
XLPE - Cross Linked Polyethylene	.030

**Outer Shield****Outer Shield Material:**

Outer Shield Material
Unshielded

**Outer Jacket**

Outer Jacket over Armor (y/n):	Y
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**Outer Jacket over Armor**

Outer Jacket Material over Armor (y/n):	PVC
Outer Jacket Wall Thickness Over Armor:	.055

**Armor**

Armor Type:	Interlocked
Armor Material:	Aluminum
Diameter over Armor:	1.26

**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

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9	Orange/Black
10	Yellow/Black
11	Brown/Black
12	Black/Red
13	Blue/Red
14	Orange/Red
15	Yellow/Red
16	Brown/Red
17	Black/Blue
18	Red/Blue
19	Orange/Blue
20	Yellow/Blue
21	Brown/Blue
22	Black/Orange
23	Red/Orange
24	Blue/Orange
25	Yellow/Orange

Overall Nominal Diameter: 1.370 in.

### Mechanical Characteristics (Overall)

Operating Temperature Range:	-40°C To +90°C
Wet Temperature Range:	-40°C To +90°C
Dry Temperature Range:	-40°C To +90°C
Bulk Cable Weight:	1033 lbs/1000 ft.
Max. Recommended Pulling Tension:	1301 lbs.
Min. Bend Radius (Install)/Minor Axis:	15.800 in.

### Applicable Specifications and Agency Compliance (Overall)

#### Applicable Standards & Environmental Programs

NEC(UL) Specification:	MC, XHHW-2 Singles, UL1569
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/13/2005
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
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#### Suitability

Suitability - Burial:	Yes
Sunlight Resistance:	Yes

#### Plenum/Non-Plenum

Plenum (Y/N):	No
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### Electrical Characteristics (Overall)

#### Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

1.65

#### Max. Operating Voltage - UL:

Voltage

## 27279 Multi-Conductor - 600V Type MC Metal Clad Cable

600 V RMS

## Max. Recommended Current:

## Current

9 Amps per conductor @ 25°C

## 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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