

27263 Multi-Conductor - 600V Type MC Metal Clad Cable



For more Information
please call

1-800-Belden1

**Description:**

6 AWG stranded (7x14) bare copper conductors, 8 AWG bare copper ground wire, cross-linked polyethylene insulation, aluminum interlocked armor, PVC jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
4	6	7x14	BC - Bare Copper

Ground Wire

Ground Wire (Y/N):	Y
Ground Wire AWG:	8
Ground Wire Stranding:	7x16
Ground Wire Conductor Material:	BC - Bare Copper

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)
XLPE - Cross Linked Polyethylene	.045

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:	.050

Armor

Armor Type:	Interlocked
Armor Material:	Aluminum
Diameter over Armor:	.870

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black and Numbered 1
2	Black and Numbered 2
3	Black and Numbered 3
4	Black and Numbered 4

Overall Nominal Diameter:	0.970 in.
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Mechanical Characteristics (Overall)

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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:	665 lbs/1000 ft.
Max. Recommended Pulling Tension:	840 lbs.
Min. Bend Radius (Install)/Minor Axis:	12.100 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:	VW-1 Singles, 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)

.41

Max. Operating Voltage - UL:

Voltage

600 V RMS

Max. Recommended Current:

Current

60 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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