

27858 Multi-Conductor - 600V Teck-Style® Cables



For more Information
please call

1-800-Belden1

**Description:**

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

Physical Characteristics (Overall)**Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
7	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	Dia. (in.)
XLPE - Cross Linked Polyethylene	.030

Inner Jacket

Inner Jacket Material:

Inner Jacket Material	Nom. Dia. (in.)
PVC - Polyvinyl Chloride	.59

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
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Armor

Armor Type:	Interlocked
Armor Material:	Aluminum
Diameter over Armor:	.78

Overall Cable

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	Blue
4	Orange
5	Yellow

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6	Brown
7	Red/Black

Overall Nominal Diameter: 0.890 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:	451 lbs/1000 ft.
Max. Recommended Pulling Tension:	361 lbs.
Min. Bend Radius (Install)/Minor Axis:	10.700 in.

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

NEC/(UL) Specification:	MC, XHHW-2 Singles, UL1569, UL1277
CSA Specification:	C22.2#131, HAZ LOC, C22.2#0.3 Clause 4.31 Low Acid Test
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
CSA Flame Test:	FT4
IEEE Flame Test:	IEEE 1202
Other Flame Test:	ICEA T-29-520

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
600 V RMS

Max. Recommended Current:

Current
14 Amps per conductor @ 25°C

Related Documents:

No related documents are available for this product

27858 Multi-Conductor - 600V Teck-Style® Cables**Put Ups and Colors:**

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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