![Belden - Sending All The Right Signals]

Part Number: 28888

600V Teck-Style®, (3) 2 AWG (7x10) BC+Grd,
XLPE/PVC/PVC, Steel Armor, MC

Product Description

Three 2 AWG stranded (7x10) bare copper conductors plus ground wire, cross-linked polyethylene insulation, PVC inner jacket, steel armor, PVC outer jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

Element	AWG	Stranding	Material	No. of Conductors
	2	7x10	BC - Bare Copper	3
Ground Wire	6	7x14	BC - Bare Copper	

Total Number of Conductors:	3

Insulation:

Material	Nominal Wall Thickness
XLPE - Cross Linked Polyethylene	0.06 in

Color Chart 1:

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

Stranding:

Lay Length
PVC mm

Innerjacket:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	1.08 in

Outershield 1:

Material
Unshielded

Outerjacket 1:

Nominal Diameter
1.4 in

Armor:

Type of Armor	Material	Diameter over Armoring
Interlocked Armor	Steel	1.28 mm

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
0.16 Ohm/1000ft

Current:

Max. Recommended Current [A]
130 Amps per conductor @ 25°C

Voltage:

UL Voltage Rating
600 V RMS

Use

Suitability - Burial:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	1593 lbs

Safety

CSA Flammability:	FT4
ICEA Flammability:	T-29-520
IEEE Flammability:	1202
UL Flammability:	VW-1 (Singles), UL1685 UL Loading

Temperature Range

Dry Temp Range:	-40°C To +90 °C
Operating Temp Range:	-40°C To +90°C
Wet Temp Range:	-40°C To +90°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	16.8 in

Part Number

Plenum (Y/N):	No

Standards

CA Prop 65 (CJ for Wire & Cable):	CA Prop 65 (CJ for Wire & Cable)
CSA AWM Specification:	CSA Specification
MII Order #39 (China RoHS):	MII Order #39 (China RoHS)
NEC/(UL) Specification:	NEC/(UL) Specification
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History