Belden



Product: C5732

Teck90 1000V, 4+G C #12+14 Str BC, XLPE Ins M4, PVC Jkt, AIA Armor, Blk PVC Jkt, CSA HL SUN RES -40C

Product Description

Teck90 1000V, 4+G Conductor 12+14AWG (7x20H) Bare Copper, XLPE Insulation M4 Color Code, PVC Inner Jacket, Aluminum Interlock Armor, Black PVC Outer Jacket, CSA HL SUN RES -40C

Technical Specifications

Product Overview

Suitable Applications:	Power and Control Applications up to 600V

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Conductor(s)	4	12 AWG	7x20	BC - Bare Copper
Ground Wire	1	14 AWG	7x22	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	XLP, XLPO, XLPE (Thermoset)	0.045 in (1.1 mm)	0.180 in (4.57 mm)	Black, White, Red, Blue
Ground Wire	No Insulation			

Outer Shield

Material
No Shield

Inner Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord	Color
PVC - Polyvinyl Chloride	0.063 in (1.6 mm)	0.560 in (14.2 mm)	Yes	Black

Armor

Armor Type & Material	Armor Thickness	Diameter Over Armor
AIA - Aluminum Interlock Armor	0.025 in (0.64 mm)	0.785 in (19.9 mm)

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.048 in (1.2 mm)	0.881 in

Overall Cable Diameter (Nominal):	0.881 in

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Max. Current
Conductor(s)	1.65 Ohm/1000ft	24 Amps per Conductor at 30ºC
Ground Wire	2.67 Ohm/1000ft (8.76 Ohm/km)	

Voltage

Voltage Rating

1000 V (TECK 90)

Mechanical Characteristics

Temperature

UL Temperature	Operating
90°C	-40°C To +90°C

Bend Radius

Stationary Min.	Installation Min.
7.048 in (179.0 mm)	7.048 in

Max. Pull Tension:	601.8 lbs (273.0 kg)
Bulk Cable Weight:	363 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor, Outdoor, Sunlight Resistance, UV Resistance
CEC / C(UL) Compliance:	TECK 90, HL

History

Update and Revision:	Revision Number: 0.340 Revision Date: 10-07-2026

Part Numbers

Variants

Item #	Color	Putup Type	Length	EAN
C5732 0105000		Reel		
C5732 0102500	Black	Reel	762 m	612825284376

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