



Part Number: 24516D

600V ACIC, (1 triad) 18 AWG (7x26) TC, XLPE/PVC/PVC,
Foil Shld, Steel Armor

Product Description

One 18 AWG triad stranded (7x26) tinned copper conductors, cross-linked polyethylene insulation, PVC inner jacket, individual Beldfoil® plus an overall Beldfoil® shield (100% coverage), steel interlocked armor, PVC outer jacket.

Product Specifications

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	No. of Triads
18	7x26	TC - Tinned Copper	1
Total Number of Conductors:			3

Insulation:

Material	Nominal Wall Thickness
XLPE - Crosslinked Polyethylene	0.03 in

Innershield:

Type	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tappe	Beldfoil®	100 %	20	7X28 mm
	TC - Tinned Copper				

Innerjacket:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.34 in

Outerjacket 1:

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.63 in
	0.63 in

Armor:

Type of Armor	Material
Interlocked Armor	Steel

Electrical Characteristics

Conductor DCR:

Nominal Conductor DCR
5.86 Ohm/1000ft

Voltage:

Description	Voltage Rating [V]
CEC ACIC	600 V

Use

Suitability - Hazardous Locations:	Yes
Suitability - Indoor:	Yes
Suitability - Outdoor:	Yes
Suitability - Sunlight Resistance:	Yes
Max Recommended Pulling Tension:	80 lbs

Safety

CSA Flammability:	FT1,FT4
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Temperature Range

Installation Temp Range:	-25°C To +105°C
Operating Temp Range:	-40°C To +105°C Dry
Wet Temp Range:	-40°C To +90°C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	7.6 in
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Part Number

Plenum (Y/N):	No
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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)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)

History

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Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.