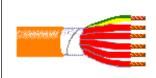


7115A Non-Paired - 600V C-TC+ Control Cables for Extreme Flexing





For more information please call 1-800-Belden1

See Put-ups and Colors

Description:

18 AWG stranded (114x38) bare copper conductors, PVC insulation, unshielded. oil- and abrasion-resistant PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	12
Total Number of Conductors	12
AWG	18
Stranding	114x38
Conductor Material	BC - Bare Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.020 in.
Insulation Resistance	6.1 Megaohms/1000 ft. minimum.

Insulation Color Code Chart:

Number	Color	Number	Color
1	Red #1	7	Red #7
2	Red #2	8	Red #8
3	Red #3	9	Red #9
4	Red #4	10	Red #10
5	Red #5	11	Red #11
6	Red #6	12	Green/Yellow

OUTER SHIELD:

Outer Shield Material	Unshielded

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride		
Outer Jacket Nominal Wall Thickness	.060 in.		

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter .513 in.

MECHANICAL CHARACTERISTICS:

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



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Other Temperature Range	Flexing: -5°C To +90°C
UL Temperature Rating	90°C (UL AWM Style 2587)
Bulk Cable Weight	159 lbs/1000 ft.
Max. Recommended Pulling Tension	270 lbs.
Min. Bend Radius (Continuous Flexing)	5.1 in.
Flex Cycle Rating	9 Million Flexes

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

AWM Specification	UL Style 2587 (600 V 90°C)
CSA Specification	AWM I A/B II A/B
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	10/01/2005

FLAME TEST:

UL Flame Test UL1685 UL Loading, VW-1

SUITABILITY:

Oil Resistance Yes

PLENUM/NON-PLENUM:

Plenum (Y/N) N

ELECTRICAL CHARACTERISTICS:

Nom. Conductor DC Resistance @ 20 Deg. C 5.7 Ohms/1000 ft

Max. Operating Voltage - UL 600 V RMS (UL AWM Style 2587)

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
	12C 18 114/38 BC PVC PVC	250	40.25	ORANGE	CZ
	12C 18 114/38 BC PVC PVC	500	84.5	ORANGE	CZ

C = CRATE REEL PUT-UP.

 $Z = FINAL\ PUT-UP\ LENGTH\ MAY\ VARY\ (+\ OR\ -)\ 10\%\ FOR\ SPOOLS\ OR\ REELS\ AND\ (+\ OR\ -)\ 5\%\ FOR\ UNREEL\ CARTONS\ FROM\ LENGTH\ SHOWN.$

Revision Number: 1 Revision Date: 10-11-2005

Detailed Specifications & Technical Data



7115A Non-Paired - 600V C-TC+ Control Cables for Extreme Flexing

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