

9154 Paired - Single-Pair Cable

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p>
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Description:

20 AWG stranded (7x28) TC conductors, PVC insulation, twisted pair, overall Beldfoil® shield (100% coverage), 20 AWG stranded TC drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	1
Total Number of Conductors	2
AWG	20
Stranding	7x28
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.014 in.
Lay Length	1.5 in.
Twists/ft.	8

Pair Color Code Chart :

Number	Color
1	Black & Red

OUTER SHIELD:

Outer Shield Material Trade Name	Beldfoil® (Z-Fold®)
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield % Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	22
Outer Shield Drain Wire Stranding	7x30
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.031 in.

OVERALL NOMINAL DIAMETER:

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Overall Nominal Diameter	.198 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2464)
Bulk Cable Weight	19.9 lbs/1000 ft.
Max. Recommended Pulling Tension	39 lbs.
Min. Bend Radius (Install)	2 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	UL Style 2464 (300 V 80°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

FLAME TEST:

C(UL) Flame Test	FT4
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PLENUM/NON-PLENUM:

Plenum (Y/N)	N
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ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	36 Ohms
Nom. Inductance	.18 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	60 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	100 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	9.5 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	11.4 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Recommended Current	4 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9154 2901000	2 #20 PVC SHLD PVC	1000	23	BEIGE, LIGHT	C
9154 290500	2 #20 PVC SHLD PVC	500	12	BEIGE, LIGHT	C
9154 290U1000	2 #20 PVC SHLD PVC	U1000	22	BEIGE, LIGHT	
9154 290U500	2 #20 PVC SHLD PVC	U500	11.5	BEIGE, LIGHT	

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C = CRATE REEL PUT-UP.

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