

9538 Non-Paired - EIA RS-232

	For more information please call 1-800-Belden1 <u>See Put-ups and Colors</u> Color Code Chart : No. 1.pdf
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Description:

24 AWG stranded conductors (7x32), tinned copper, conductors cabled, 24 AWG stranded tinned copper drain wire, S-R PVC insulated, Beldfoil® aluminum-polyester (100% shield coverage), PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	8
Total Number of Conductors	8
AWG	24
Stranding	7x32
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PVC - Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.

OVERALL CABLING:

Overall Cabling Lay Length	1.75 in.
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Overall Cabling Color Code Chart :

Number	Color
1	Black
2	White
3	Red
4	Green
5	Brown
6	Blue
7	Orange
8	Yellow

OUTER SHIELD:

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

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OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	24
Outer Shield Drain Wire Stranding	7x32
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
Outer Jacket Nominal Wall Thickness	.032 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.224 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-30°C To +80°C
Bulk Cable Weight	30.6 lbs/1000 ft.
Max. Recommended Pulling Tension	44 lbs.
Min. Bend Radius (Install)	2.25 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CMG
CEC/C(UL) Specification	CMG
AWM Specification	2464

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. Capacitance Conductor to Conductor @ 1 KHz	33 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	65 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	25 Ohms/1000 ft
Nominal Outer Shield DC Resistance @ 20 Deg. C	18 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Other Maximum Continuous Currents	1.75 Amps Per Conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9538 060100	8 #24 PVC FS PVC	100	3.9	CHROME	
9538 0601000	8 #24 PVC FS PVC	1000	33	CHROME	

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9538 060500	8 #24 PVC FS PVC	500	17	CHROME	
9538 060U1000	8 #24 PVC FS PVC	U1000	33	CHROME	
9538 060U500	8 #24 PVC FS PVC	U500	17	CHROME	

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