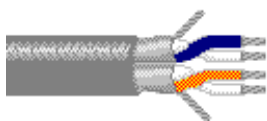




9402 Paired - Audio, Control and Instrumentation Cable



For more information please
call

1-800-Belden1

See Put-ups and Colors

Color Code Chart : No. 1.pdf

Description:

20 AWG stranded (7x28) tinned copper conductors, twisted pairs, S-R PVC insulation, individually shield with 100% Beldfoil® shield plus a 22 AWG stranded (19x34) tinned copper drain wire, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	2
Total Number of Conductors	4
AWG	20
Stranding	7x28
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	S-R PVC - Semi-Rigid Polyvinyl Chloride
Nom. Insulation Wall Thickness	.010 in.
Lay Length	1.75 in.
Twists/ft.	6.9

Pair Color Code Chart :

Number	Color	Number	Color
1	Red & Black	2	Green & White

INNER SHIELD:

Inner Shield Material Trade Name	Beldfoil® (Z-Fold®)
Inner Shield Type	Tape
Inner Shield Material	Aluminum Foil-Polyester Tape
Inner Shield % Coverage	100 %
Inner Shield Drain Wire AWG	22
Inner Shield Drain Wire Stranding	19x34
Inner Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
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Outer Jacket Nominal Wall Thickness	.041 in.
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OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.300 in.
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MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2919)
Bulk Cable Weight	46.5 lbs/1000 ft.
Max. Recommended Pulling Tension	72 lbs.
Min. Bend Radius (Install)	3 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)

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. Inductance	0.167 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	55 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	95 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	9.3 Ohms/1000 ft
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C	12 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS (UL AWM Style 2464)
Max. Recommended Current	3.1 Amps per conductor @ 25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9402 0601000	2 FS PR #20 PVC PVC	1000	52	CHROME	C
9402 060U500	2 FS PR #20 PVC PVC	U500	26.5	CHROME	

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 11-17-2003



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