Detailed Specifications & Technical Data

BELDEN
SENDING ALL THE RIGHT SIGNALS

9566 Paired - Audio, Control and Instrumentation Cable

For more information please call
1-800-Belden1

See Put-ups and Colors

Related Documents : No. 4 for Paired Cables.pdf

Description:

24 AWG solid tinned copper conductors, PVC insulation, twisted pairs, PVC jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	6
Total Number of Conductors	12
AWG	24
Stranding	Solid
Conductor Material	TC - Tinned Copper

INSULATION:

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

Pair Color Code Chart :

Number	Color	Number	Color
1	White & Blue	4	White & Brown
2	White & Orange	5	White & Gray
3	White & Green	6	Red & Blue

OUTER SHIELD:

Outer Shield Material	Unshielded

OUTER JACKET:

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

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.289 in.

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
Non-UL Temperature Rating	80°C

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Bulk Cable Weight	37.2 lbs/1000 ft.
Max. Recommended Pulling Tension	61 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 2576 (150 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:

UL Flame Test	UL1685 FT4 Loading
C(UL) Flame Test	FT4

PLENUM/NON-PLENUM:

Plenum (Y/N)	N

ELECTRICAL CHARACTERISTICS:

Nom. Capacitance Conductor to Conductor @ 1 KHz	22 pF/ft
Nom. Conductor DC Resistance @ 20 Deg. C	24.4 Ohms/1000 ft
Max. Operating Voltage - UL	300 V RMS
Max. Operating Voltage - Other	150 V (AWM 2576)
Max. Recommended Current	1.4 Amps per conductor @ 20°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
9566 0601000	6 PR #24 PVC FRPVC	1000	45	CHROME	C
9566 060500	6 PR #24 PVC FRPVC	500	23.5	CHROME	C
9566 060U1000	6 PR #24 PVC FRPVC	U1000	42	CHROME	
9566 060U500	6 PR #24 PVC FRPVC	U500	21.5	CHROME	

C = CRATE REEL PUT-UP.

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