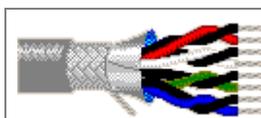


9806 Multi-Conductor - Low Capacitance Computer Cable for EIA RS-232/422



For more Information
 please call
 1-800-Belden1



Description

28 AWG stranded (7x36) TC conductors, polypropylene insulation, overall Beldfoil® (100% coverage) + TC braid shield (90% coverage), 28 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall):

Conductor:

AWG

# Pairs	AWG	Stranding	Conductor Material
4.000	28	7x36	TC - Tinned Copper

Insulation:

Insulation Material

Ins Material
PP - Polypropylene

Outer Shield:

Outer Shield Material

Layer #	Outer Shield Trade Name	Type	Outer Shield Material	% Coverage (%)
1	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100
2		Braid	TC - Tinned Copper	90

Outer Shield Drain Wire AWG

AWG	Stranding	Drain Wire Conductor Material
28	7x36	TC - Tinned Copper

Outer Jacket:

Outer Jacket Material

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cabling:

Overall Nominal Diameter: .237 in.

Pair:

Pair Color Code Chart

Number	Color
1	Black & Red
2	Black & White
3	Black & Green
4	Black & Blue

Pair Lay Length & Direction

Lay Length (in.)	Twists/ft. (twist/ft)
0.500	24.000

Mechanical Characteristics (Overall):

Operating Temperature Range	-20°C To +60°C
UL Temperature Rating	60°C (UL AWM Style 2960)
Bulk Cable Weight:	35 lbs/1000 ft.
Max. Recommended Pulling Tension:	54 lbs.
Min. Bend Radius (Install):	2.400 in.

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Applicable Specifications and Agency Compliance (Overall):

Applicable Standards:

NEC/(UL) Specification	CL2
AWM Specification	UL Style 2960 (30 V 60°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy)	01/01/2004

Flame Test:

UL Flame Test	UL1685 UL Loading
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Plenum/Non-Plenum:

Plenum (Y/N)	N
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Electrical Characteristics (Overall):

Nom. Characteristic Impedance

Impedance (Ohm)
100.000

Nom. Inductance

Inductance (µH/ft)
0.190

Nom. Capacitance Conductor to Conductor

Capacitance (pF/ft)
15.500

Nom. Capacitance Cond. to Other Conductor & Shield

Capacitance (pF/ft)
27.500

Nominal Velocity of Propagation

VP (%)
66

Nom. Conductor DC Resistance

DCR @ 20°C (Ohm/1000 ft)
64.900

Max. Operating Voltage - UL

Voltage
30 V RMS (UL AWM Style 2960); 150 V RMS

Max. Recommended Current

Current
.9 Amps per conductor @ 25°C

Nominal Outer Shield DC Resistance

DCR @ 20°C (Ohm/1000 ft)
4.000

PUT UPS AND COLORS:

Item #	Putup	Ship Weight	Jacket Color	Notes	Item Desc
9806 060100	100 FT	4.300 LB	CHROME		4 PR #28 PP SH PVC CHR
9806 0601000	1,000 FT	39.000 LB	CHROME	C	4 PR #28 PP SH PVC CHR
9806 060500	500 FT	17.500 LB	CHROME		4 PR #28 PP SH PVC CHR

Notes:

C = CRATE REEL PUT-UP.

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