

7839A Multi-Conductor - T1/DS1 Central Office Interconnect/Cross Connect Cable



For more Information
please call

1-800-Belden1



General Description:

22 AWG solid tinned copper conductors, twisted pairs, flame retardant polyolefin insulation, overall Beldfoil® shield (100% coverage), 22 AWG solid tinned copper drain wire, PVC jacket.

Physical Characteristics (Overall)

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
6	22	Solid	TC - Tinned Copper	.0264

Total Number of Conductors: 12

Insulation

Insulation Material:

Insulation Material
FRPO - Flame Retardant Polyolefin

Outer Shield

Outer Shield Material:

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

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire Conductor Material
22	Solid	TC - Tinned Copper

Outer Jacket

Outer Jacket Material:

Outer Jacket Material
PVC - Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.380 in.

Pair

Pair Color Code Chart:

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

Mechanical Characteristics (Overall)

Operating Temperature Range: -20°C To +75°C

Bulk Cable Weight: 70 lbs/1000 ft.

Max. Recommended Pulling Tension: 93.600 lbs.

Min. Bend Radius/Minor Axis: 4 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: MPR/CMR

CEC/C(UL) Specification: CMR

EU Directive 2011/65/EU (ROHS II): Yes

EU Directive 2000/53/EC (ELV): Yes

EU Directive 2002/95/EC (RoHS): Yes

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EU RoHS Compliance Date (mm/dd/yyyy):	10/13/2005
EU Directive 2002/96/EC (WEEE):	Yes
EU Directive 2003/11/EC (BFR):	Yes
CA Prop 65 (CJ for Wire & Cable):	Yes
MII Order #39 (China RoHS):	Yes

Flame Test

UL Flame Test:	UL1666 Riser
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Plenum/Non-Plenum

Plenum (Y/N):	No
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Electrical Characteristics (Overall)

Nom. Characteristic Impedance:

Impedance (Ohm)
100

Nom. Inductance:

Inductance (µH/ft)
0.21

Nom. Capacitance Conductor to Conductor:

Capacitance (pF/ft)
16

Nom. Capacitance Cond. to Other Conductor & Shield:

Capacitance (pF/ft)
29

Nominal Velocity of Propagation:

VP (%)
66

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
15.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
3.6

Nom. Attenuation:

Attenuation (dB/1000 ft.)
4.3 @ 772 KHz

Max. Operating Voltage - UL:

Voltage
300 V RMS

Max. Recommended Current:

Current
3.5 Amps per conductor @ 20°C

Electrical Characteristics-Premise (Overall)

Premise

Minimum NEXT:

Description	Freq. (MHz)	Start Freq. (MHz)	Stop Freq. (MHz)	NEXT (dB)
	.772			50

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
7839A 0601000	1,000 FT	79.000 LB	CHROME	C	6 PRS #22 FRPP FS PVC

Notes:

C = CRATE REEL PUT-UP.

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Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
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- Экспресс доставка в любую точку России;
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- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

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- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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