

76601TS Multi-Conductor - 300V Shielded, Continuous Flexing Data Applications Up to 6 Million FLeX Life Cycles



For more Information
please call

1-800-Belden1

General Description:

24 AWG stranded (10x34) tinned copper conductors, PVC insulation, aluminum/polyester foil shield, tinned copper braid shield, 85% coverage, oil-resistant overall PVC jacket.

Physical Characteristics (Overall)**Conductor**

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
1	24	10x34	TC - Tinned Copper	0.024

Total Number of Conductors:

2

Insulation

Insulation Material:

Insulation Material	Wall Thickness (in.)	Dia. (in.)
PVC - Polyvinyl Chloride	0.010	0.044

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Foil Shield	Alum/Mylar	100.000
Braid	Tinned Copper	85.000

Outer Shield Drain Wire AWG:

Component	AWG	Stranding	Drain Wire Conductor Material
Drain Wire	26	7x34	TC - Tinned Copper

Outer Shield Separator Material:

Tissue Tape, 25% Overlap, Min.

Outer Jacket

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.040

Overall Cable

Overall Nominal Diameter:

0.204 in.

Pair

Pair Color Code Chart:

Number	Color
1	BLACK-RED

Mechanical Characteristics (Overall)

Bulk Cable Weight: 28 lbs/1000 ft.

Max. Recommended Pulling Tension: 11.700 lbs.

Min. Bend Radius/Minor Axis: 2 in.

Min. Bend/Installation: 2 in.

Min. Bend Radius (Continuous Flexing): 3.100 in.

Flex Cycle Rating: 6 Million Flexes

Applicable Specifications and Agency Compliance (Overall)**Applicable Standards & Environmental Programs**

NEC/(UL) Specification: CM

AWM Specification: UL Style 20006

CSA Specification: 600 V AWM I/II A/B

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

Other Specification: AWM/STYLE 10002, AWM/STYLE 2661, CM, AWM I/II A/B, C(UL) TYPE CMG, FT4, EU Low Voltage Directive 2014/35/EC, EU Directive 2011/65/EU(RoHS2)

Flame Test

CSA Flame Test: FT4

Suitability

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Sunlight Resistance:

Yes

Electrical Characteristics (Overall)**Nom. Characteristic Impedance:**

Description	Impedance (Ohm)
Characteristic Impedance	54.000

Nom. Inductance:

Inductance (µH/ft)
0.190

Nom. Capacitance Cond. to Other Cond. & Ground:

Description	Freq. (kHz)	Capacitance (pF/ft)
Mutual Capacitance	1.000	35.000
Ground Capacitance	1.000	63.000

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
29.000

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
4.900

Notes (Overall)

Notes: Temperature Range -10 to 105°C(static), +5 to 105°C (dynamic)

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
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В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9