

8787 Multi-Conductor - Special Audio, Communication and Instrumentation Cable



For more Information
please call

1-800-Belden1

**Description:**

24 and 22 AWG stranded (7x32 and 7x30) TC conductors, PVC insulation (22 AWG) / polyethylene insulation (24 AWG), cabled in quads, 24 AWG stranded TC drain wire, PVC jacket.

Physical Characteristics (Overall)**Conductor****AWG:**

# Conductors	AWG	Stranding	Conductor Material
8	24	7x32	TC - Tinned Copper
2	22	7x30	TC - Tinned Copper

Total Number of Conductors: 10

Insulation**Insulation Material:**

Insulation Material	Wall Thickness (in.)	AWG
PE - Polyethylene	.012	24
PVC - Polyvinyl Chloride	.015	22

Insulation Resistance: 100 Megaohms/1000 ft. @ 500 V DC

Inner Shield**Inner Shield Material:**

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

Inner Shield Material (Multi-AWG):

AWG	Inner Shield Trade Name	Type	Inner Shield Material	Coverage (%)	Description
24	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	Over Quad
24	Beldfoil®	Tape	Aluminum Foil-Polyester Tape	100	Over Quad
22			Unshielded		Singles

Inner Shield Drain Wire AWG:

AWG
24

Inner Shield Drain Wire Stranding: 7x32

Inner Shield Drain Wire Conductor Material: TC - Tinned Copper

Inner Shield Waterblocking Tape: Gray, White, Blue, Green; Brown, Red, Yellow, Orange; White, Blue

Outer Jacket**Outer Jacket Material:**

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	.030

Overall Cable**Overall Cabling Color Code Chart:**

Number	Color	AWG	Group/Cond. Color
1	Red Quad	24	Red Quad
2	White	22	White
3	Green Quad	24	Green Quad
4	Blue	22	Blue

8787 Multi-Conductor - Special Audio, Communication and Instrumentation Cable

Overall Nominal Diameter: 0.290 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +80°C
Non-UL Temperature Rating:	80°C
Bulk Cable Weight:	45 lbs/1000 ft.
Max. Recommended Pulling Tension:	62.200 lbs.
Min. Bend Radius/Minor Axis:	3 in.

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

EU CE Mark:	Yes
EU Directive 2000/53/EC (ELV):	Yes
EU Directive 2002/95/EC (RoHS):	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005
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:	VW-1, UL1685 UL Loading
----------------	-------------------------

Plenum/Non-Plenum

Plenum (Y/N):	No
---------------	----

Electrical Characteristics (Overall)**Nom. Conductor DC Resistance:**

Description	DCR @ 20°C (Ohm/1000 ft)
24 AWG	23.9
22 AWG	15

Nom. Inner Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)
5

Max. Operating Voltage - Non-UL:

Voltage
350 V RMS

Max. Recommended Current:

Current
1.5 Amps per conductor @ 25°C (24 AWG); 2.0 Amps per conductor @ 25°C (22 AWG)

Notes (Overall)

Notes: Inner Beldfoil® shield over 24 AWG quads. Each quad wrapped in transparent polyester tape. Red Beldfoil® shield over one quad, Green Beldfoil® shield over the other. (2) quads and (2) unshielded conductors cabled.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
8787 060U500	500 FT	24.000 LB	CHROME		2 #22, 8 #24 FS PVC
8787 060500	500 FT	24.000 LB	CHROME	C	2 #22, 8 #24 FS PVC

Notes:

C = CRATE REEL PUT-UP.

8787 Multi-Conductor - Special Audio, Communication and Instrumentation Cable

Revision Number: 1 Revision Date: 08-27-2012

© 2012 Belden, Inc.
All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described herein are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "AS IS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with EU RoHS (Directive 2002/95/EC, 27-Jan-2003). Material manufactured prior to the compliance date may be in stock at Belden facilities and in our Distributor's inventory. The information provided in this Product Disclosure, and the identification of materials listed as reportable or restricted within the Product Disclosure, is correct to the best of Belden's knowledge, information, and belief at the date of its publication. The information provided in this Product Disclosure is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. This Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.

Belden declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

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