

633948 Coax - CCTV Applications

For more Information
please call

1-800-Belden1

**Description:**

18 AWG bare copper conductor, foam FEP insulation, bare copper braid shield, Flammarrest® jacket, sequential footage marking every two feet.

Usage (Overall)

Suitable Applications: CCTV

Physical Characteristics (Overall)**Conductor**

AWG:

# Coax	AWG	Stranding	Conductor Material	Dia. (in.)
1	18	Solid	BC - Bare Copper	.040

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FFEP - Foam Fluorinated Ethylene Propylene	.170

Outer Shield

Outer Shield Material:

Type	Outer Shield Material	Coverage (%)
Braid	BC - Bare Copper	95

Outer Jacket

Outer Jacket Material:

Outer Jacket Trade Name	Outer Jacket Material
Flammarrest®	LS PVC - Low Smoke Polyvinyl Chloride

Overall Cable

Overall Nominal Diameter: 0.228 in.

Mechanical Characteristics (Overall)

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	38 lbs/1000 ft.
Max. Recommended Pulling Tension:	84 lbs.
Min. Bend Radius/Minor Axis:	2.250 in.

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

NEC/(UL) Specification:	CMP
NEC Articles:	800
CEC/C(UL) Specification:	CMP
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
-----------------------------	-----

RG Type:	6/U
----------	-----

Series Type:	Series 6
--------------	----------

Flame Test

UL Flame Test:	NFPA 262
----------------	----------

C(UL) Flame Test:	FT6
-------------------	-----

Plenum/Non-Plenum

Plenum (Y/N):	Yes
---------------	-----

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

Impedance (Ohm)

75

Nom. Inductance:

Inductance (μH/ft)

.097

Nom. Capacitance Conductor to Shield:

Capacitance (pF/ft)

16.3

Nominal Velocity of Propagation:

VP (%)

83

Nominal Delay:

Delay (ns/ft)

1.24

Nom. Conductor DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

6.4

Nominal Outer Shield DC Resistance:

DCR @ 20°C (Ohm/1000 ft)

2.2

Nom. Attenuation:

Freq. (MHz)	Attenuation (dB/100 ft.)
-------------	--------------------------

1	0.24
---	------

3	0.45
---	------

5	0.55
---	------

8	0.70
---	------

10	0.85
----	------

50	1.50
----	------

100	2.1
-----	-----

200	3.1
-----	-----

400	4.7
-----	-----

700	6.8
-----	-----

900	8.0
-----	-----

1000	8.5
------	-----

Max. Operating Voltage - UL:

Voltage
300 V RMS

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
633948 0071000	1,000 FT	42.000 LB	VIOLET	C	#18 FFEP SH PVC
633948 008U1000	1,000 FT	36.000 LB	GRAY		#18 FFEP SH PVC
633948 009U1000	1,000 FT	36.000 LB	WHITE		#18 FFEP SH PVC
633948 010U1000	1,000 FT	36.000 LB	BLACK		#18 FFEP SH PVC
633948 877U1000	1,000 FT	36.000 LB	NATURAL		#18 FFEP SH PVC
633948 877U500	500 FT	18.500 LB	NATURAL		#18 FFEP SH PVC
633948 8771000	1,000 FT	42.000 LB	NATURAL	C	#18 FFEP SH PVC
633948 877500	500 FT	20.500 LB	NATURAL	C	#18 FFEP SH PVC

Notes:

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 02-24-2009

© 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