



For more Information
please call

1-800-Belden1



General Description:

PTZ (Control+Power) Cable, Plenum-CMP, 2-24 AWG solid bare copper pairs with FEP insulation, 2-16 AWG stranded bare copper conductors with Flamarrest® insulation, Siamese Flamarrest® jacket

Usage (Overall)

Suitable Applications:

UTP-CCTV, CCTV Video/Control, Surveillance, Video Over Twisted Pairs, Closed Circuit Television

Twisted Pair

Physical Characteristics

Conductor

AWG:

# Pairs	AWG	Stranding	Conductor Material	Dia. (in.)
2	24	Solid	BC - Bare Copper	0.021

Insulation

Insulation Material:

Insulation Material	Dia. (in.)
FEP - Fluorinated Ethylene Propylene	0.035

Twisted Pair Color Code Chart:

Number	Color
1	Blue and White/Blue
2	Orange and White/Orange

Inner Shield

Inner Shield Material:

Inner Shield Material
Unshielded

Individual Shield

Electrical Characteristics

Nominal Velocity of Propagation:

VP (%)
70.000

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)
9.380

Maximum DCR Unbalanced:

DCR Unbalance @ 20°C (%)
5.000

Premise Cable Electricals:

Freq. (MHz)	Max. Attenuation (dB/100 m)	Min. PSNEXT (dB)	Fitted Imp. (Ohms)
1.0	2.000	62	100 ± 15%
4.0	4.100	53	100 ± 15%
8.0	5.800	48	100 ± 15%
10.0	6.500	47	100 ± 15%
16.0	8.200	44	100 ± 15%
20.0	9.300	42	100 ± 15%
25.0	10.400	41	100 ± 15%
31.25	11.700	39	100 ± 15%
62.5	17.000	35	100 ± 15%
100	22.000	32	100 ± 15%

Premise Cable Electrical Table 1:

Freq. (MHz)	Min. PSACR (dB)	Min RL (dB)
1	60	20.000
4	49	23.000
8	43	24.500
10	41	25.000

16	36	25.000
20	34	25.000
25	31	24.300
31.25	28	23.600
62.5	19	21.500
100	11	20.100

Multi Conductor

Physical Characteristics

Conductor

AWG:

# Conductors	AWG	Stranding	Conductor Material	Dia. (in.)
2	16	19x29	TC - Tinned Copper	0.059

Insulation

Insulation Material:

Insulation Trade Name	Insulation Material	Dia. (in.)
Flamarrest®	LS PVC - Low Smoke Polyvinyl Chloride	0.077

Insulation Color Code Chart:

Number	Color
1	Red
2	Black

Individual Shield

Applicable Specifications and Agency Compliance Applicable Standards & Environmental Programs

EU CE Mark: Yes

Electrical Characteristics

Maximum Conductor DC Resistance:

DCR @ 20°C (Ohm/100 m)
4.500

Physical Characteristics (Overall)

Conductor

Outer Shield

Outer Shield Material:

Outer Shield Material
Unshielded

Outer Jacket

Outer Jacket Material:

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

Overall Cable

Overall Nominal Diameter: 0.183 x 0.368 in.

Mechanical Characteristics (Overall)

Bulk Cable Weight: 45 lbs/1000 ft.

Max. Recommended Pulling Tension: 100 lbs.

Min. Bend Radius/Minor Axis: 1.700 in.

Applicable Specifications and Agency Compliance (Overall)

Applicable Standards & Environmental Programs

NEC/(UL) Specification: CMP

CEC/C(UL) Specification: CMP

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

Other Standards: ISO/IEC 11801, Category 5e for data pair

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

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

EU RoHS Compliance Date (mm/dd/yyyy): 04/01/2006

EU Directive 2002/96/EC (WEEE): Yes

EU Directive 2003/11/EC (BFR): Yes

CA Prop 65 (CJ for Wire & Cable): Yes

6284US Composite - CCTV and PTZ Applications

MII Order #39 (China RoHS): Yes

Flame Test

UL Flame Test: NFPA 262

Plenum/Non-Plenum

Plenum (Y/N): Yes

Non-Plenum Number: 5284US

Electrical Characteristics (Overall)

Max. Operating Voltage - Non-UL:

Voltage
300 V RMS

Notes (Overall)

Notes: Overall jacket sequentially marked.

Put Ups and Colors:

Item #	Putup	Ship Weight	Color	Notes	Item Desc
6284US 0091000	1,000 FT	50.000 LB	WHITE	C	2P24 UTP + 2C16 CMP SIAM
6284US 009500	500 FT	26.000 LB	WHITE	C	2P24 UTP + 2C16 CMP SIAM
6284US 010500	500 FT	26.000 LB	BLACK	C	2P24 UTP + 2C16 CMP SIAM

Notes:
C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 03-13-2013

© 2017 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 2014/35/EU).



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- 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.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.