

8774 Paired - CM Rated Cable

 	<p>For more information please call 1-800-Belden1</p> <p><u>See Put-ups and Colors</u></p> <p>Related Documents : No. 3 for Paired Cables (Belden Standard).pdf</p>
--	---

Description:

22 AWG stranded (7x30) tinned copper conductor, polypropylene insulation, twisted pairs individually shielded with Beldfoil® (100% coverage), overall PVC jacket and 22 AWG stranded tinned copper drain wire.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Pairs	9
Total Number of Conductors	18
AWG	22
Stranding	7x30
Conductor Diameter	.030 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PP - Polypropylene
Insulation Diameter	.050 in.
Lay Length	1.75 in.
Twists/ft.	6.85

Pair Color Code Chart :

Number	Color	Number	Color
1	Black & Red	6	Black & Brown
2	Black & White	7	Black & Orange
3	Black & Green	8	Red & White
4	Black & Blue	9	Red & Green
5	Black & Yellow		

INNER SHIELD:

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

8774 Paired - CM Rated Cable

Inner Shield Drain Wire AWG	22
Inner Shield Drain Wire Stranding	Stranded
Inner Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER SHIELD:

Outer Shield Material	Unshielded
-----------------------	------------

OUTER JACKET:

Outer Jacket Material	PVC - Polyvinyl Chloride
-----------------------	--------------------------

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.417 in.
--------------------------	----------

MECHANICAL CHARACTERISTICS:

Operating Temperature Range	-20°C To +80°C
UL Temperature Rating	80°C (UL AWM Style 2919)
Bulk Cable Weight	108.6 lbs/1000 ft.
Max. Recommended Pulling Tension	230 lbs.
Min. Bend Radius (Install)	4.3 in.

APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

APPLICABLE STANDARDS:

NEC/(UL) Specification	CM
CEC/C(UL) Specification	CM
AWM Specification	UL Style 2919 (30 V 80°C)
EU CE Mark (Y/N)	Yes
EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	01/01/2004

FLAME TEST:

UL Flame Test	UL1685 UL Loading
---------------	-------------------

PLENUM/NON-PLENUM:

Plenum (Y/N)	N
--------------	---

ELECTRICAL CHARACTERISTICS:

Nom. Characteristic Impedance	50 Ohms
Nom. Inductance	.018 µH/ft
Nom. Capacitance Conductor to Conductor @ 1 KHz	30 pF/ft
Nom. Cap. Cond. to Other Cond. & Shield @ 1 KHz	55 pF/ft
Nominal Velocity of Propagation	66 %
Nom. Conductor DC Resistance @ 20 Deg. C	15 Ohms/1000 ft
Ind. Pair Nominal Shield DC Resistance @ 20 Deg. C	10.6 Ohms/1000 ft

8774 Paired - CM Rated Cable

Max. Operating Voltage - UL	30 V RMS (UL AWM Style 2919), 300 V RMS (CM)
Max. Recommended Current	1.4 Amps per conductor @25°C

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
8774 060100	9 FS PR #22 HDPE PVC	100	11.5	CHROME	
8774 0601000	9 FS PR #22 HDPE PVC	1000	113	CHROME	C
8774 060250	9 FS PR #22 HDPE PVC	250	29.5	CHROME	C
8774 060500	9 FS PR #22 HDPE PVC	500	57.5	CHROME	C

C = CRATE REEL PUT-UP.

Revision Number: 1 Revision Date: 08-10-2005

© 2006 Belden Wire & Cable Company
All Rights Reserved.

Although Belden Electronics Division ("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 CDT Electronics Division believes this product to be in compliance with the following environmental regulations: California Proposition 65 Consent Judgment For Wire & Cable Mfgs. (San Francisco Superior Court Nos. 312962 And 320342); EU RoHS (Directive 2002/95/EC, 27-Jan-2003); Material manufactured prior to the compliance date may still be in stock at Belden facilities and in our Distributor's inventory. EU ELV (Directive 2000/53/EC, 18-Sept-2000); EU WEEE (Directive 2002/96/EC, 27-Jan-2003); And EU BFR (Directive 2003/11/EC, 6-Feb-2003). 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 the 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 CDT Electronics Division declares this product to be in compliance with EU LVD (Low Voltage Directive 73/23/EEC), as amended by directive 93/68/EEC.



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.