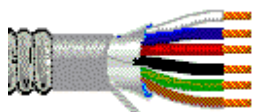


## 25304FE Multi-Conductor - Commercial Applications



**Obsolete**  
**Call**  
**1-800-BELDEN1**

For more Information  
 please call

1-800-Belden1

**Description:**

18 AWG stranded (7x26) bare copper conductors, PVC insulation, cabled, Beldfoil® shield with shorting fold (100% coverage), drain wire, PVC jacket with ripcord, interlocking aluminum armor.

**Physical Characteristics (Overall)****Conductor**

AWG:

# Conductors	AWG	Stranding	Conductor Material
6	18	7x26	BC - Bare Copper

**Insulation**

Insulation Material:

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

**Outer Shield**

Outer Shield Material:

Outer Shield Trade Name	Type	Outer Shield Material	Coverage (%)
Beldfoil®	Tape	Aluminum Foil-Polyester Tape w/Shorting Fold	100.000

Outer Shield Drain Wire AWG:

AWG	Stranding	Drain Wire	Conductor Material
20	7x28	TC - Tinned Copper	

**Outer Jacket**

Outer Jacket Material:

Outer Jacket Material	Nom. Wall Thickness (in.)
PVC - Polyvinyl Chloride	0.015

Outer Jacket Ripcord: Yes

Outer Jacket over Armor (y/n): N

**Armor**

Armor Type: Interlocked

Armor Material: Aluminum

Diameter over Armor: .43

**Overall Cabling**

Overall Cabling Lay Length & Direction:

Length (in.)
3.500

Overall Cabling Color Code Chart:

Number	Color
1	Black
2	Red
3	White
4	Green
5	Brown
6	Blue

## 25304FE Multi-Conductor - Commercial Applications

**Mechanical Characteristics (Overall)**

Operating Temperature Range:	-20°C To +75°C
UL Temperature Rating:	75°C
Bulk Cable Weight:	102 lbs/1000 ft.
Max. Recommended Pulling Tension:	205 lbs.
Min. Bend Radius (Install)/Minor Axis:	6.500 in.

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

NEC/(UL) Specification:	CMR
NEC Articles:	800
CEC/C(UL) Specification:	CMG
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):	05/02/3005
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:	UL1666 Vertical Shaft
CSA Flame Test:	FT4

**Plenum/Non-Plenum**

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

**Electrical Characteristics (Overall)****Nom. Capacitance Conductor to Conductor:**

Capacitance (pF/ft)
38.000

**Nom. Capacitance Cond. to Other Conductor & Shield:**

Capacitance (pF/ft)
68.400

**Nom. Conductor DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
6.500

**Nominal Outer Shield DC Resistance:**

DCR @ 20°C (Ohm/1000 ft)
7.200

**Max. Operating Voltage - UL:**

Voltage
300 V RMS

**Max. Recommended Current:**

Current
3.5 Amps per conductor @ 25°C

**Put Ups and Colors:**

## 25304FE Multi-Conductor - Commercial Applications

Item #	Putup	Ship Weight	Color	Notes	Item Desc
25304FE 0001000	1,000 FT	116.000 LB	NONE	C	5304FE ALUM ARMOR

**Notes:**

C = CRATE REEL PUT-UP.

Revision Number: 0    Revision Date: 04-11-2008

© 2008 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.