



REPRESENTATIVE IMAGE

**Product:** [6400FE](#)

Security & Sound, 2 Conductor 20 AWG BC, Shielded, CMP

## Product Description

Security & Commercial Audio Cable, 2 Conductor 20 AWG stranded bare copper conductors with Flammarrest® insulation, Beldfoil® shield, Plenum-CMP, Flammarrest® jacket with ripcord.

## Technical Specifications

### Product Overview

Suitable Applications:	Intercom/PA Systems and Sound/Audio Systems.
------------------------	--

### Construction Details

#### Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	2	20 AWG	7x28	BC - Bare Copper

#### Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	Black, Red

#### Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	22 AWG (7x30) TC

#### Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.142 in (3.61 mm)	Yes

Overall Cable Diameter (Nominal):	0.142 in (3.61 mm)
-----------------------------------	--------------------

### Electrical Characteristics

#### Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	10.3 Ohm/1000ft (33.8 Ohm/km)	56 pF/ft (180 pF/m)	100.8 pF/ft (330.7 pF/m)	3.75 Amps per conductor @ 25°C

#### Voltage

UL Voltage Rating
300 V (CMP)

### Mechanical Characteristics

#### Temperature

UL Temperature	Operating
75°C	0°C to +75°C

#### Bend Radius

Stationary Min.	Installation Min.
1.4 in (36 mm)	1.4 in (36 mm)

Max. Pull Tension:	37 lbs (17 kg)
Bulk Cable Weight:	15 lbs/1000ft (22 kg/km)

## Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5400FE

## History

Update and Revision:	Revision Number: 0.351 Revision Date: 04-08-2022
----------------------	--

## Part Numbers

### Variants

Item #	Color	Putup Type	Length	UPC
6400FE 006Z1000	Blue, Light	ReelTuff Box	1,000 ft	612825423935
6400FE 008Z500	Gray	ReelTuff Box	500 ft	
6400FE 008Z1000	Gray	ReelTuff Box	1,000 ft	612825176572
6400FE 005Z1000	Green	ReelTuff Box	1,000 ft	612825423928
6400FE 877Z500	Natural	ReelTuff Box	500 ft	
6400FE 8771000	Natural	Reel	1,000 ft	612825176589
6400FE 877U1000	Natural	UnReel	1,000 ft	612825423959
6400FE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825176619
6400FE 003Z1000	Orange	ReelTuff Box	1,000 ft	612825423904
6400FE 009U250	White	UnReel	250 ft	612825423942
6400FE 009Z1000	White	ReelTuff Box	1,000 ft	612825176596
6400FE 004Z1000	Yellow	ReelTuff Box	1,000 ft	612825423911

© 2022 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 here in 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 "ASIS" 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 all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information 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. The 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.