



Part Number: 8728

Special Audio, #22-2pr, Individ. Foil, Drains, O/A Foil, PVC Jacket, CM

Product Description

22 AWG stranded (7x30) TC conductors, polypropylene insulation, cabled in pairs, overall Beldfoil® shield (100% coverage), 24 AWG stranded TC drain wires, PVC jacket.

Technical Specifications

Construction and Dimensions

Conductor:

AWG	Stranding	Material	Nominal Diameter	No. of Pairs
22	7x30	TC - Tinned Copper	0.03 in	2
Total Number of Conductors:			4	

Insulation:

Material	Nominal Diameter
PP - Polypropylene	0.05 in

Color Chart 1:

Number	Color
1	Black & Red
2	White & Green

Innershield:

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire AWG	Drainwire Construction n x D
Tape	Layer 1	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	24	Stranded mm
Tape	Layer 2	Polyester Tape		100 %	TC - Tinned Copper	

Outershield 1:

Type	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	Aluminum Foil-Polyester Tape	Beldfoil®	100 %	TC - Tinned Copper	24	Stranded mm

Outerjacket 1:

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.215 in	0.028 in

Electrical Characteristics

Conductor DCR:

Individual Pair Nominal Shield DCR	Nominal Conductor DCR
16.6 Ohm/1000ft	17 Ohm/1000ft

Capacitance:

Nom. Capacitance Conductor to Conductor	Nom. Capacitance Conductor to Other Conductor to Shield
35 pF/ft	62 pF/ft

Impedance:

Nominal Characteristic Impedance
50 Ohm

Delay:

Nominal Velocity of Propagation (VP) [%]
66 %

Current:

Max. Recommended Current [A]
2.3 Amps per conductor @ 25°C

Inductance:

Nominal Inductance
0.18 μ H/ft

Voltage:

UL Voltage Rating
300 V RMS (UL AWM Style 2717) V

Use

Max Recommended Pulling Tension:	36.4 lbs
----------------------------------	----------

Safety

UL Flammability:	UL1685 UL Loading
------------------	-------------------

Temperature Range

Operating Temp Range:	-20°C To +80°C °C
UL Temp Rating:	80°C (UL AWM Style 2717) °C

Mechanical Characteristics

Min Bend Radius/Minor Axis:	2.25 in
-----------------------------	---------

Part Number

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

Standards

CA Prop 65 (CJ for Wire & Cable):	Yes
CEC/C(UL) Specification:	CM
MII Order #39 (China RoHS):	Yes
NEC Articles:	800
NEC/(UL) Specification:	CM
UL AWM Style:	UL Style 2717 (300 V 80°C)
EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
EU CE Mark:	Yes

History

Notes:	Each pair Beldfoil« shielded with individual drain wire plus a polyester film over each shield.
--------	---

Product Variants

Part Number	Color	Put-Up Type	Length
8728	CHROME	Reel	1000 ft
8728	CHROME	Reel	305 m
8728 0601000	CHROME	Reel	1000 ft
8728	CHROME	Reel	5000 ft
8728 0605000	CHROME	Reel	5000 ft
8728	CHROME	Reel	500 ft
8728	CHROME	Reel	152 m
8728 060500	CHROME	Reel	500 ft
8728	CHROME	UnReel	1000 ft
8728	CHROME	UnReel	305 m
8728 060U1000	CHROME	UnReel	1000 ft
8728	CHROME	UnReel	500 ft
8728	CHROME	UnReel	152 m
8728 060U500	CHROME	UnReel	500 ft
8728			

© 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 73/23/EEC), as amended by directive 93/68/EEC.