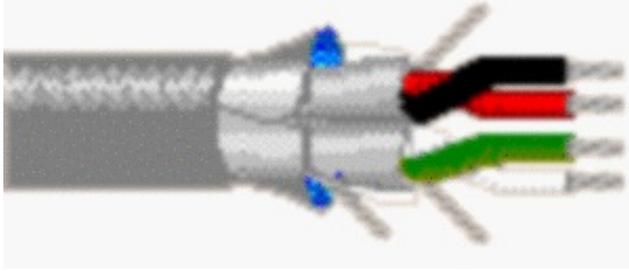


Part Number: 8728

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
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Safety

UL Flammability:	UL1685 UL Loading
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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
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Part Number

Plenum (Y/N):	No
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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.
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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			

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