



Product: <u>8444</u>

Electronic, 4 C #22 Str TC, PVC Ins, PVC Jkt, CMG

😭 Request Sample

Product Description

Electronic, 4 Conductor 22AWG (7x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

Technical Specifications

Product Overview

Suitable Applications jow voltage analog signals (4-20ma, 0-10v,); low voltage control (24v,); line level audio; volte communications; panel wing Construction Details Conductor(i) 1 2 A WO 73.0 TC - Tinned Copper Issuance Number of Elementi 22 AWO 73.0 TC - Tinned Copper Issuance Number of Elementi 22 AWO No.0 TC - Tinned Copper Issuance Number of Elementi 20 AWO Nom. Interfere on Dissuance Science on Dissuance Conductor(i) VP Or Polyving/Choice Otol In (28 mm) Obs0 in (13 mm) Black, White, Red, Green Outri Jacket Nom. Thickness Nom. Interfere on Dissuance Nom. Copper/ Nom. Copper/ Conductor(i) Nom. Conductor ID (13 mm) Dissin (4.70 mm) Nom. Copper/ Nom. Copper/ Cordicator(i) Nom. Copper/ Nom. Copper/ Nom. Copper/ Nom. Copper/ Nom. Copper/ Electrical Issuance Nom. Copper/ Nom. Copper/ Nom. Copper/ Nom. Copper/ Solo (CMCD) Nom. Copper/ Nom. Copper/ Nom. Copper/ Nom. Copper/ Nom. Copper/ Solo (CMCD) Solo (Thitop Fim) Solo (Thitop Fim)		verview										
Conductor Element Number of Element Size Stranding Material Conductor(q) 4 22 AWG 7:30 TC - Timeed Copper Insulation Material Nom: Thickness Nom: Insulation Diameter Color Code Element Material Nom: Thickness Nom: Insulation Diameter Color Code Conductor(s) PVC - Polyviny Chloride 0.011 in (0.28 mm) 0.050 in (1.3 mm) Black. While, Red. Green Outer Jacket Material Nom. Thickness Nom: Diameter Color Code Outer Jacket Nom: Thickness Nom: Diameter Proc - Polyviny Chloride 0.032 in (0.81 mm) 0.185 in (4.70 mm) Overall Cable Diameter (Nominal): 0.185 in (4.70 mm) 0.185 in (4.70 mm) 2.4 Amps per Conductor at 29C Voltage Soutor(o) 134 pFit (110 pFm) 2.4 Amps per Conductor at 29C Voltage Soutor(O) 140 pFit (10 pFm) 2.4 Amps per Conductor at 29C Voltage Soutor(O) 132 pFit (10 pFm) 2.4 Amps per Conductor at 29C Voltage Soutor(O) 140 pFit (10 pFm) 2.4 Amps per C	Suitable Appli	cations:	ow voltage	e analog sign	als (4-20ma, 0-10v	/,); low vo	oltage control (24v, …); line	e level au	dio; voice o	communicati	ons; panel wiring	
Beinemi Number of Element Size Stranding Material Conductor(s) 4 22 AWG 7.30 TC - Tinned Copper sulation Bite Material Nom. Thickness Nom. Insulation Diameter Color Codo Conductor(s) PVC - Polywing Chloride 0.011 in (0.28 mm) 0.050 in (1.3 mm) Black, White, Red, Green Durber Jacket Nom. Thickness Nom. Diameter Black, White, Red, Green Durber Jacket Nom. Thickness Nom. Diameter PVC - Polywing Chloride 0.052 in (1.3 mm) Black, White, Red, Green Durber Jacket Nom. Thickness Nom. Diameter PVC - Polywing Chloride 0.052 in (4.70 mm) Overall Cable Diameter (Nomine): 0.185 in (4.70 mm) 2.4 Amps per Conductor at 25°C PVC rolage Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Mass. Current PVC rolage UL Voltage Rating S00 V (CMG), 150 V (AWM 2576) 2.4 Amps per Conductor at 25°C PVC rolage Masterial Operating S00 V (CMG), 150 V (AWM 2576) SVC SVC Stationary Min Instati	Constructi	ion Details										
Conductor(s) 4 22 AWG 7x30 TC - Tinned Copper Insulation Image: Conductor(s) PVC - Polyving Chloride Nom. Thickness Nom. Insulation Diameter Color Code Conductor(s) PVC - Polyving Chloride 0.011 in (0.28 mm) 0.050 in (1.3 mm) Black, While, Red, Green Numerical Nom. Thickness Nom. Diameter Color Code Description Nom. Thickness Nom. Diameter Color Code Outprint Outprint 0.050 in (1.3 mm) Black, While, Red, Green Durbaneer Nom. Conductor Diameter Nom. Diameter PVC - Polyviny Chloride 0.032 in (0.81 mm) 0.185 in (4.70 mm) Owner Conductor Print 0.185 in (4.70 mm) Certrical Characteristics Nom. Conductor DCR Nom. Capacitance Cond-OcOd Max. Current Conductor(s) 17.8 Ohm/10000t 34 pF/rt (110 pF/m) 2.4 Amps per Conductor at 25°C Order 200 V (CMG), 150 V (AVM2 576) Stationary Min (Site Characteristics Nom. Capacitance Cond-Ocond (Site Characteristics) Batcharacteristics Stationary Min (Instatiliation Min (Site Characteristics) <	Conductor											
nsulation Fereneric Material Nom. Thickness Nom. Insulation Diameter Color Code Conductor(s) PVC - Polyvinyl Chloride 0.011 in (0.28 mm) 0.050 in (1.3 mm) Black, White, Red, Green PVC - Polyvinyl Chloride 0.032 in (0.81 mm) 0.185 in (4.70 mm) PVC - Polyvinyl Chloride 0.032 in (0.81 mm) 0.185 in (4.70 mm) Overall Cable Diameter (Nominal): 0.185 in (4.70 mm) Electrical Characteristics Electrical Characteristics Electricals Electricals Electricals Electricals Name, Conductor DCR Nom. Capacitance Cond-to-Cond Max: Current Conductor(s) 17.8 Ohm/1000t 34 pF/ft (110 pF/m) 2.4 Amps per Conductor at 25°C Voltage VL Voltage Rating 300 V (CMS), 150 V (AWM 2576) Wechanical Characteristics Fremperature UL Temperature Operating 80°C20°C to +80°C Stationary Min1sh (d8 mm) 1.9 in (d8 mm)30 lbs (16 kg) Buk Cable Weigh:30 lbs (16 kg) Buk Cable Weigh:30 lbs (16 kg)	Element	Number of Element	Size	Stranding	Material							
Beinent Material Nom. Thickness Nom. Insulation Diameter Color Code Conductor(s) PVC - Polyvinyl Chloride 0.011 in (0.28 mm) 0.050 in (1.3 mm) Black, White, Red, Green Wurer Jacket Material Nom. Thickness Nom. Diameter PVC - Polyvinyl Chloride 0.032 in (0.81 mm) 0.185 in (4.70 mm) Overall Cable Diameter (Nominal): 0.185 in (4.70 mm) Overall Cable Diameter (Nominal): 0.185 in (4.70 mm) Centrical Characteristics Electrical Characteristics Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Conductor(s) 17.8 Ohm/1000t 34 pF/t (110 pF/m) 2.4 Amps per Conductor at 25°C Volume Rating Sol V (CMG), 150 V (AWM 2576) Adechanical Characteristics Stationary Min Installation Min: 1.9 in (48 mm) 19. in (48 mm) 1.9 in (48 mm) Max. Pull Tension: 36 ibs (16 kg) Bark Cable Weight: 19 ibr/1000t	Conductor(s)	4	22 AWG	7x30	TC - Tinned Copp	ber						
Conductor(a) PVC - Polyvinyl Chorde 0.011 in (0.28 mm) 0.050 in (1.3 mm) Black, White, Red, Green Noter Jacket Mater Jacket Nom. Thickmess Nom. Diameter PVC - Polyvinyl Chorde 0.032 in (0.81 mm) 0.185 in (4.70 mm) Overall Cable Diameter (Nominal): 0.185 in (4.70 mm) Conductor DCR Nom. Capacitance Conductor 12 Conductor DCR Nom. Capacitance Conductor at 25°C oblage UL Voltage Rating 300 V (CMG), 150 V (AWM 2576) Rechanical Characteristics Stationary Min. Installation Min. 1 Stallation Min. <td>sulation</td> <td></td>	sulation											
huter Jacket Material Nom. Thickness Nom. Diameter PVC - Polyvinyl Choride 0.032 in (0.81 mm) 0.185 in (4.70 mm) Overall Cable Diameter (Nominal): 0.185 in (4.70 mm) Electrical Characteristics Electrical Characteristics Electrical S Electrical S Electrical S Electrical S Electrical S Electrical S Electrical Characteristics Adechanical Characteristics Adechanical Characteristics Electrical Characteristics Electrical S Electrical Characteristics Adechanical Characteristics Electrical S Electrical Characteristics Adechanical Characteristics Electrical S Electrical Characteristics Adechanical Characteristics Electrical S Electrical Characteristics Electrical Characteristics Electrical S Electrical Characteristics Electrical Characteristics Electrical S Electrical Characteristics Electrical S Electrical Characteristics Electrical Characteristics Electrical Characteristics Electrical S Electrical Characteristics Electrical Characteristics Electrical S Electrical Characteristics Electrical Characteristics Electrical Characteristics Electrical S Electrical Characteristics Electrical Characteristics Electrical S Electrical Characteristics Electrical S Electrical Characteristics Electrical S Electrical Characteristics Electrical S Electrical S Electrical Characteristics Electrical S Electrical S Electrica	Element	Material	Nom	. Thickness	Nom. Insulation	n Diameter	Color Code					
Material Nom. Thickness Nom. Diameter PVC - Polyvinyl Chloride 0.032 in (0.81 mm) 0.185 in (4.70 mm) Overall Cable Diameter (Nominal): 0.185 in (4.70 mm) Electrical Characteristics Electrical Characteristics Electricals Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Conductor(s) 17.8 Ohm/1000t 34 pF/ft (110 pF/m) 2.4 Amps per Conductor at 25°C Vu Voltage Rating 300 V (CMG), 150 V (AVM 2576) Acchanical Characteristics Element Nom. Stationary Min. 19 in (48 mm)	Conductor(s)	PVC - Polyvinyl Chlor	ide 0.011	in (0.28 mm) 0.050 in (1.3 mr	n)	Black, White, Red, Gree	en				
PVC - Polyvinyl Chloride 0.030 in (0.81 mm) 0.185 in (4.70 mm) Overall Cable Diameter (Nominal): 0.185 in (4.70 mm) Electrical Characteristics Bietricals Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Conductor(s) 17.8 Ohn/1000ft 34 pF/ft (110 pF/m) 2.4 Amps per Conductor at 25°C roltage UL Voltage Rating 000 v (CMG), 150 V (AWW 2576) Acchanical Characteristics Value Stress emperature -20°C to +80°C VL Temperature Operating Stationary Min. Installion Min. 19 in (48 mm) 1.9 in (48 m) Nax. Pull Tension: 36 lbs (16 kg) Max. Pull Tension: 36 lbs (16 kg)	uter Jacket											
Overall Cable Diameter (Nominal): 0.185 in (4.70 mm) Electrical Characteristics itectricals Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Conductor(s) 17.8 Ohm/1000ft 34 pF/ft (110 pF/m) 2.4 Amps per Conductor at 25°C Tottage UL Voitage Rating 300 V (CMG), 150 V (AWM 2576) Acchanical Characteristics emperature UL Temperature Operating 80°C - 20°C to +80°C Atom 1.9 in (48 mm) 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tension: 36 lbs (16 kg) Bulk Cable Weight:												
Electrical Characteristics Iectrical Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Conductor(s) 17.8 Ohm/1000ft 34 pF/ft (110 pF/m) 2.4 Amps per Conductor at 25°C oltage UL Voltage Rating 300 V (CMG), 150 V (AWM 2576) Acchanical Characteristics emperature UL Temperature Operating 80°C 20°C to +80°C end Radius Stationary Min Installation Min 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tension: 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft			,	,	0 mm)							
ilectricals Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Conductor(s) 17.8 Ohm/1000ft 34 pF/ft (110 pF/m) 2.4 Amps per Conductor at 25°C Voltage UL Voltage Rating Voltage Voltage Voltage VL Voltage Rating 00 V (CMG), 150 V (AWM 2576) Voltage Voltage Voltage Mechanical Characteristics Voltage	Overall Cable	Diameter (Nominal):	0.185 in (4	.70 mm)								
Element Nom. Conductor DCR Nom. Capacitance Cond-to-Cond Max. Current Conductor(s) 17.8 Ohm/1000ft 34 pF/ft (110 pF/m) 2.4 Amps per Conductor at 25°C Integer Rating 300 V (CMG), 150 V (AWM 2576) Acchanical Characteristics VL Voltage Rating 300 V (CMG), 150 V (AWM 2576) Acchanical Characteristics VL Temperature Operating 80°C 20°C -20°C to +80°C Actionary Min. 19 in (48 mm) Max. Pull Tension: 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	Electrical	Characteristics										
Conductor(s) 17.8 Ohm/1000ft 34 pF/ft (110 pF/m) 2.4 Amps per Conductor at 25°C Iotage UL Voltage Rating 300 V (CMG), 150 V (AWM 2576) Acchanical Characteristics VIL Temperature 0 porating 80°C -20°C to +80°C -20°C to +80°C Stationary Min 1.9 in (48 mm) 1.9 in (48	lectricals											
Voltage Rating 300 V (CMG), 150 V (AWM 2576) Mechanical Characteristics remperature UL Temperature Operating 80°C 20°C -20°C to +80°C stationary Min Installation Min. 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tension: 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	Element	Nom. Conductor DC	R Nom.	Capacitance	Cond-to-Cond	M	ax. Current					
UL Voltage Rating 300 V (CMG), 150 V (AWM 2576) Alechanical Characteristics remperature UL Temperature Operating 80°C -20°C to +80°C Stationary Min. Installation Min. 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tension: 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	Conductor(s)	17.8 Ohm/1000ft	34 pF/1	ft (110 pF/m)	:	2.4 Amps p	er Conductor at 25°C					
300 V (CMG), 150 V (AWM 2576) Acchanical Characteristics remperature UL Temperature Operating 80°C -20°C to +80°C Send Radius Stationary Min. Installation Min. 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tensior: 36 lbs (16 kg) Bulk Cable Weight: 9 lbs/1000ft	oltage											
Mechanical Characteristics remperature Operating 80°C -20°C to +80°C Band Radius Stationary Min. Installation Min. 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tension: 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	UL Vo	Itage Rating										
Image: Stationary Min. Installation Min. 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tensiv: 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	300 V (CMG),	, 150 V (AWM 2576)										
UL Temperature Operating 80°C -20°C to +80°C Bend Radius Stationary Min. 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tension 36 lbs (16 kg) Bulk Cable Weight: 39 lbs/1000ft	/lechanica	I Characteristic	5									
80°C -20°C to +80°C Hend Radius Stationary Min. Installation Min. 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tensior: 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	emperature											
Stationary Min. Installation Min. 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tension: 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	UL Temperat	ure Operating										
Stationary Min. Installation Min. 1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tension 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	80°C	-20°C to +80°C										
1.9 in (48 mm) 1.9 in (48 mm) Max. Pull Tension 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	end Radius											
Max. Pull Tension: 36 lbs (16 kg) Bulk Cable Weight: 19 lbs/1000ft	Stationary M	in. Installation Min.										
Bulk Cable Weight: 19 lbs/1000ft	1.9 in (48 mm	i) 1.9 in (48 mm)										
	Max. Pull Ten	sion:	36 lbs (16 l	kg)								
Standards and Compliance	Bulk Cable W	eight:	19 lbs/1000	Oft								
	andards	and Compliance	e									

JL 1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Euroclass: Eca; CPR UKCA Class: Eca
Article 800, CMG
AWM 2576
CMG
EU CE Mark, EU Directive 2015/863/EU (RoHS 2 amendment), EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
JKCA Mark
China RoHS II (GB/T 26572-2011)
38444, 82444

History

Update and Revision: Revision Number: 0.514 Revision Date: 01-20-2023

Part Numbers

Variants

ltem #	Color	Putup Type	Length	UPC
8444 060100	Chrome	Reel	100 ft	612825207405
8444 060500	Chrome	Reel	500 ft	612825207429
8444 060U500	Chrome	UnReel	500 ft	612825207399
8444 0601000	Chrome	Reel	1,000 ft	612825207412
8444 060U1000	Chrome	UnReel	1,000 ft	612825207382
8444 0605000	Chrome	Reel	5,000 ft	612825207436

© 2023 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 guality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulators based on their individual usage of the product.