



# Product: <u>8445</u>

Electronic, 5 C #22 Str TC, PVC Ins, PVC Jkt, CMG

😭 Request Sample

## **Product Description**

Electronic, 5 Conductor 22AWG (7x30) Tinned Copper, PVC Insulation, PVC Outer Jacket, CMG

## **Technical Specifications**

### Product Overview

Dverall Cable Diameter (Nominal): 0.194 in (4.93 mm)         Iectrical Characteristics         ectricals         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         oblage       UL Voltage Rating       000 V (CMG), 150 V (AWM 2576)         Iecchanical Characteristics       Nome Coperating         00°C       -20°C to +80°C         end Radius       Stationary Min.         Istaliation Min.       Instaliation Min.	Product O								
Non-of Elements No. of Elements Size Stranding Material   Conductor(e) 5 22 AWG 7x.30 TC - Tinned Copper     Standing 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, Brown   Use Table Diameter (Nominal):   0.194 in (4.93 mm) 0.194 in (4.93 mm)   Use Table Diameter (Nominal):   0.194 in (4.93 mm) 0.194 in (4.93 mm)   Use Table Diameter (Nominal):   0.194 in (4.93 mm) 0.194 in (4.93 mm)   Use Table Diameter (Nominal):   0.194 in (4.93 mm) 0.194 in (4.93 mm)   Use Table Diameter (Nominal):   0.194 in (4.93 mm) 0.194 in (4.93 mm)   Use Table Diameter (Nominal):   0.194 in (4.93 mm) 0.194 in (4.93 mm)   Use Table Diameter (Nominal):   0.194 in (4.93 mm) 0.194 in (4.93 mm)   Use Table Diameter (Nominal):   0.194 in (4.93 mm) 0.194 in (4.93 mm)   Use Table Diameter (Nominal):   0.194 in (4.93 mm) 2.14 Amps per Conductor at 25°C   Table Diameter (Nominal):   0.194 in (4.93 mm) 2.4 Amps per Conductor at 25°C   Table Diameter (Nominal):   0.194 in (Amm) 34 pFift (110 pF/m) 2.4 Amps per Conductor at 25°C   Table Diameter (Nominal):   0.194 in (Amm) 191 in (4.91 mm)   Table Diameter (Nominal):   0.194 in (Amm) 191 in (4.91 mm)  <	Suitable Appli	cations:	low vol	tage analog sigr	als (4-20ma, 0-10	)v,); low vo	oltage control (24v,	); line level audio; voice	e communications; panel wirin
Beinemi No. of Elements Size Size Size Size Size Material   Conductor(s) 5 2.2 AWG 7.30 TC - Tinned Copper   sulation   Element Material Nom. Thickness Nom. Insulation Diameter Color Code   Conductor(s) PVC - Polyvingl Chloride 0.011 in (0.28 mm) 0.050 in (1.3 mm) Black, White, Red, Green, Brown   uter Jacket Nom. Thickness Nom. Diameter   PVC - Polyvingl Chloride 0.032 in (0.81 mm) 0.194 in (4.93 mm)      Portarial Cable Diameter (Nominal):   0.192 in (4.93 mm) 0.194 in (4.93 mm)   Conductor(s)   PVC - Polyvingl Chloride 0.032 in (0.81 mm)   0.192 in (3.93 mm) 0.194 in (4.93 mm)   Portarial Cable Diameter (Nominal):   0.192 in (3.93 mm) 0.194 in (4.93 mm)   Conductor(s)   17.8 Ohm/1000ft 34 pF/ft (110 pF/m)   2.4 Amps per Conductor at 25°C oblage   VL Voltage Rating   000 V (MK), 150 V (AWM 2576)   techanical Characteristics techanical Characteristics and Radius   Stationary Min   Istandary Min   Material   Nom   Material   000 C   -20°C to +80°C   and Radius   Stationary Min   Istandary Min   Ista	Constructi	on Details							
Beinemi No. of Elements Size Size Size Size Size Material   Conductor(s) 5 2.2 AWG 7.30 TC - Tinned Copper   sulation   Element Material Nom. Thickness Nom. Insulation Diameter Color Code   Conductor(s) PVC - Polyvingl Chloride 0.011 in (0.28 mm) 0.050 in (1.3 mm) Black, White, Red, Green, Brown   uter Jacket Nom. Thickness Nom. Diameter   PVC - Polyvingl Chloride 0.032 in (0.81 mm) 0.194 in (4.93 mm)      Portarial Cable Diameter (Nominal):   0.192 in (4.93 mm) 0.194 in (4.93 mm)   Conductor(s)   PVC - Polyvingl Chloride 0.032 in (0.81 mm)   0.192 in (3.93 mm) 0.194 in (4.93 mm)   Portarial Cable Diameter (Nominal):   0.192 in (3.93 mm) 0.194 in (4.93 mm)   Conductor(s)   17.8 Ohm/1000ft 34 pF/ft (110 pF/m)   2.4 Amps per Conductor at 25°C oblage   VL Voltage Rating   000 V (MK), 150 V (AWM 2576)   techanical Characteristics techanical Characteristics and Radius   Stationary Min   Istandary Min   Material   Nom   Material   000 C   -20°C to +80°C   and Radius   Stationary Min   Istandary Min   Ista	Conductor								
Conductor(s)       G       D2 A WG       7x30       TC - Timed Copper         sulation       Element       Material       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, White, Red, Green, Brown         uter Jacket         Material       Nom. Thickness       Nom. Diameter         PVC - Polyving Chloride       0.032 in (0.81 mm)       0.194 in (4.93 mm)         Durati Cable Diameter (Nominal):       0.194 in (4.93 mm)         Detertical Characteristics         Sectricals         Element       Nom. Conductor DCR       Nom. Capacitance Cond-to-Cond       Max. Current         Conductor(s)       17.8 Ohm/1000t       34 p.fft (110 p.f/m)       2.4 Amps per Conductor at 25°C         Object       Post Capacitance       Conductor (S)       Conductor (S)       Nom. Capacitance         Source Characteristics       Sectricals       Sectricals       Sectricals       Sectricals         Barbonary Min       Nom       Coperating       2.4 Amps per Conductor at 25°C       Sectricals         Source Characteristics       Sectricals       Sectricals       Sectricals       Sectricals         Barbonary Min       Installat		No. of Elements	Size	Stranding	Material				
Element       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, Brown         uter Jacket       Material       Nom. Thickness       Nom. Diameter       Nom. Conductor(s)       PVC - Polyvinyl Chloride       0.032 in (0.81 mm)       0.194 in (4.93 mm)         Over - Polyvinyl Chloride       0.032 in (0.81 mm)       0.194 in (4.93 mm)									
Element       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, Brown         uter Jacket       Material       Nom. Thickness       Nom. Diameter       Nom. Conductor(s)       PVC - Polyvinyl Chloride       0.032 in (0.81 mm)       0.194 in (4.93 mm)         Over - Polyvinyl Chloride       0.032 in (0.81 mm)       0.194 in (4.93 mm)	neulation								
Conductor(s)         PVC - Polyvinyl Chloride         0.011 in (0.28 mm)         0.050 in (1.3 mm)         Black, White, Red, Green, Brown           Material         Nom. Thickness         Nom. Diameter           VC - Polyvinyl Chloride         0.032 in (0.81 mm)         0.194 in (4.93 mm)           Overall Cable         Diameter (Nominal):         0.194 in (4.93 mm)           Overall Cable         Diameter (Nominal):         0.194 in (4.93 mm)           Idetrical         Characteristics           Betricals         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           Object         Operating         Operating         Operating         Operating           UL Voltage Rating         Operating         2.4 Amps per Conductor at 25°C         Operating         Operating           Oto (CMC), 150 V (AWM 2576)         Stationary Min         Isaliation Min.         Stationary Min         Isaliation Min.         Stationary Min.         Isaliation Min.           19 in (48 mm)         1.9 in (48 mm)		Material	N	lom. Thickness	Nom. Insulation	on Diameter	Color C	ode	
Material         Nom. Thickness         Nom. Diameter           PVC - Polyvinyl Chloride         0.032 in (0.81 mm)         0.194 in (4.93 mm)           Dverall Cable Diameter (Nominal):         0.194 in (4.93 mm)           Idetrical Characteristics           ectricals           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           Obtage         UL Voltage Rating         200 V (CMG), 150 V (AWM 2576)	Conductor(s)	PVC - Polyvinyl Ch	loride 0.	011 in (0.28 mn				Green, Brown	
Material         Nom. Thickness         Nom. Diameter           PVC - Polyvinyl Chloride         0.032 in (0.81 mm)         0.194 in (4.93 mm)           Dverall Cable Diameter (Nominal):         0.194 in (4.93 mm)           Idetrical Characteristics           ectricals           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           Obtage         UL Voltage Rating         200 V (CMG), 150 V (AWM 2576)	Dutor lackot								
V2 - Polyvinyl Chlorid     0.032 in (0.81 mm)     0.194 in (4.93 mm)       Dverall Cable Diameter (Nominal):     0.194 in (4.93 mm)		ial Nom.	Thicknes	s Nom. Dia	neter				
lectrical Characteristics	PVC - Polyvinyl Chloride         0.032 in (0.81 mm)         0.194 in (4.93 mm)								
lectricals   Ielement 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   Interface Interface Interface	Overall Cable	Diameter (Nominal)	: 0.194 i	n (4.93 mm)					
lectricals   Ielement 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   Interface Interface Interface	Electrical (	Charactoristics							
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   oblage   UL Voltage Rating   00 V (CMG), 150 V (AWM 2576)    checkbanical Characteristics   amperature Operating   90°C -20°C to +80°C   stationary Min_Installation Min.   19 in (48 mm) 19 in (48 mm)   46 lbs (21 kg) static Call Characteristics		Sharacteristics	,						
2000 ductor (s)       17.8 Ohm/1000ft       34 pF/ft (110 pF/m)       2.4 Amps per Conductor at 25°C         2010 dege       UL Voltage Rating       2.4 Amps per Conductor at 25°C         2010 V (CMG), 150 V (AWM 2576)       34 pF/ft (110 pF/m)       2.4 Amps per Conductor at 25°C         2010 V (CMG), 150 V (AWM 2576)       34 pF/ft (110 pF/m)       2.4 Amps per Conductor at 25°C         2010 V (CMG), 150 V (AWM 2576)       34 pF/ft (110 pF/m)       34 pF/ft (110 pF/m)         2010 V (CMG), 150 V (AWM 2576)       34 pF/ft (110 pF/m)       34 pF/ft (110 pF/m)         2010 V (CMG), 150 V (AWM 2576)       34 pF/ft (110 pF/m)       34 pF/ft (110 pF/m)         2010 Pertaing       90 Pertaing       30 Pertaing         300 C       -20°C to +80°C       -20°C to +80°C         301 (AB m)       1.9 in (48 mn)       1.9 in (48 mn)         40 in (AB m)       1.9 in (48 mn)       46 lbs (21 kg)         41 bs/1000ft       24 lbs/1000ft       24 lbs/1000ft	Electricals							_	
UL Voltage Rating   800 V (CMG), 150 V (AWM 2576)									
UL Voitage Rating   300 V (CMG), 150 V (AWM 2576)	Conductor(s)	17.8 Ohm/1000ft	34	pF/ft (110 pF/m	)	2.4 Amps p	er Conductor at 25°C		
800 V (CMG), 150 V (AWM 2576)	Voltage								
Installation Min.       Installation Min.         1.9 in (48 mm)       1.9 in (48 mm)         Aux. Pull Tension:       46 lbs (21 kg)         Bulk Cable Weight:       24 lbs/1000ft									
Stationary Min.       Installation Min.         1.9 in (48 mm)       1.9 in (48 mm)         Aux. Pull Tension:       46 lbs (21 kg)         Sulk Cable Weight:       24 lbs/1000ft	300 V (CMG),	150 V (AWM 2576)							
JL Temperature     Operating       30°C     -20°C to +80°C       end Radius       Stationary Min.     Installation Min.       1.9 in (48 mm)     1.9 in (48 mm)       46 lbs (21 kg)       Aux. Pull Tension:     46 lbs (21 kg)       Bulk Cable Weight:     24 lbs/1000ft	Mechanica	I Characterist	ics						
JL Temperature     Operating       30°C     -20°C to +80°C       end Radius       Stationary Min.     Installation Min.       .19 in (48 mm)     1.9 in (48 mm)       Max. Pull Tension:     46 lbs (21 kg)       Bulk Cable Weight:     24 lbs/1000ft	Temperature								
Stationary Min.     Installation Min.       1.9 in (48 mm)     1.9 in (48 mm)       Max. Pull Tension:     46 lbs (21 kg)       Bulk Cable Weight:     24 lbs/1000ft		ure Operating							
Stationary Min.     Installation Min.       1.9 in (48 mm)     1.9 in (48 mm)       Max. Pull Tension:     46 lbs (21 kg)       Bulk Cable Weight:     24 lbs/1000ft	80°C	-20°C to +80°C	;						
I.9 in (48 mm)     I.9 in (48 mm)       Max. Pull Tension:     46 lbs (21 kg)       Bulk Cable Weight:     24 lbs/1000ft	Bend Radius								
Max. Pull Tension:     46 lbs (21 kg)       Bulk Cable Weight:     24 lbs/1000ft	Stationary M	in. Installation Mir	<b>1.</b>						
Bulk Cable Weight: 24 lbs/1000ft	1.9 in (48 mm	) 1.9 in (48 mm)							
	Max. Pull Ten	sion:	46 lbs	(21 kg)					
tandards and Compliance	Bulk Cable W	eight:	24 lbs/	1000ft					
	Standards	and Complian	ce						

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1685 FT4 Loading, FT4, IEC 60332-1-2
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 800, CMG
AWM Compliance:	AWM 2576
CEC / C(UL) Compliance:	CMG
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
UK Regulation Compliance:	UKCA Mark
APAC Compliance:	China RoHS II (GB/T 26572-2011)

#### History

Update and Revision:

Revision Number: 0.516 Revision Date: 02-03-2025

#### **Part Numbers**

#### Variants

Item #	Color	Putup Type	Length	UPC	Footnote
8445 060100	Chrome	Reel	100 ft	612825207481	
8445 060500	Chrome	Reel	500 ft	612825207504	С
8445 060U500	Chrome	UnReel	500 ft	612825207474	
8445 0601000	Chrome	Reel	1,000 ft	612825207498	С
8445 0605000	Chrome	Reel	1,000 ft	612825207511	
8445 060U1000	Chrome	UnReel	1,000 ft	612825207467	

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