



Product: 9543 ☑

25C, #24 Str TC, SR-PVC, O/A Foil, PVC Jkt, CMG

Product Description

25 Conductors, 24 AWG (7x32), tinned copper, semi-rigid PVC insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket, CMG

Technical Specifications

Product Overview

Suitable Applications:	RS-232 Applications; Computer Communications; Low Voltage Analog Signals (4-20mA, 0-10V,); Low Voltage Digital Control (24V,); Line Level Audio; Panel Wiring
------------------------	---

Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material	
Conductor(s)	25	24 AWG	7x32	TC - Tinned Copper	

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor	SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.011 in (0.28 mm)	0.044 in (1.1 mm)	Black, White, Red, Green, Orange, Blue, White/Black Stripe, Red/Black Stripe, Green/Black Stripe, Orange/Black Stripe, Blue/Black Stripe, Black/White Stripe, Red/White Stripe, Black/White Stripe, Black/Red Stripe, White/Red Stripe, Orange/Red Stripe, Blue/Red Stripe, Red/Green Stripe, Orange/Green Stripe, Black/White/Red Stripes, White/Black/Red Stripes, Red/Black/White Stripes, Green/Black/White Stripes

Outer Shield

Shield Type Material		Coverage	Drainwire Type	
Tape	Bi-Laminate (Alum+Poly)	100%	24 AWG (7x32) TC	

Outer Jacket

	Material	Nom. Thickness	Nom. Diameter
P	VC - Polyvinyl Chloride	0.032 in (0.81 mn	0.339 in (8.61 mm)
0	verall Cable Diameter (N	Nominal): 0	.339 in (8.61 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
Conductor(s)	25 Ohm/1000ft	30 pF/ft (98 pF/m)	55 pF/ft (180 pF/m)	1.3 Amps per Conductor at 25°C

Voltage

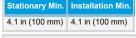
UL Voltage Rating
300 V (CMG), 300 V (UL AWM 2464)

Mechanical Characteristics

Temperature

UL Temperature	Operating		
60°C (UL CMG);80°C (UL AWM 2464)	-30°C to +80°C		

Bend Radius



Max. Pull Tension:	143 lbs (64.9 kg)
Bulk Cable Weight:	78 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor (Not Riser or Plenum), Indoor
Sustainability:	CA Prop 65
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 2464
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: 0.542 Revision Date: 02-03-2025	

Part Numbers

Variants

Item #	Color	Putup Type	Length	UPC	Footnote
9543 060100	Chrome	Reel	100 ft	612825255611	
9543 060500	Chrome	Reel	500 ft	612825255635	С
9543 0601000	Chrome	Reel	1,000 ft	612825255628	С
9543 0605000	Chrome	Reel	5,000 ft	612825255642	

© 2025 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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Belden Wire & Cable:

9543 0601000 9543 060500 9543 060100 9543 0605000 9946 0605000