Product: 49642 ⧉

Molded Cable Assembly, GPIB, 3.3 ft, (6 pr) 26 AWG (7x34) TC, (10) 26 AWG (7x34) TC, (1) 24 AWG (7x32) TC, Foil Shld, UnShlded Connector, S-R PVC/PVC, CM

⁑ Request Sample

Product Description

Six 26 AWG pairs stranded (7x34) tinned copper conductors, ten 26 AWG stranded (7x34) tinned copper conductors, one 24 AWG stranded (7x32) tinned copper conductors, Beldfoil® shield plus tinned copper braid, S-R PVC insulation, PVC Jacket, 3.3 foot length.

Technical Specifications

Physical Characteristics (Overall)

Conductor

AWG	Stranding	Material	No. of Conductors	No. of Pairs
26	7x34	TC - Tinned Copper		6
26	7x34	TC - Tinned Copper	10	
24	7x32	TC - Tinned Copper	1	

Conductor Count:	23

Insulation

Material	Nominal Wall Thickness
SR-PVC - Polyvinyl Chloride (Semi-Rigid)	0.01 in

Outer Shield

Type	Layer	Material	Material Trade Name	Coverage [%]	Drainwire Material	Drainwire AWG	Drainwire Construction n x D
Tape	1	Bi-Laminate (Alum+Poly)	Beldfoil®	100%	TC - Tinned Copper	26	7x34
Braid	2	Tinned Copper (TC)		90%			

Outer Jacket

Material	Nominal Diameter	Nominal Wall Thickness
PVC - Polyvinyl Chloride	0.35 in	0.035 in

Electrical Characteristics

Voltage

UL Voltage Rating
300 V RMS (UL AWM Style 2464)

Temperature Range

UL Temp Rating:	80°C (UL AWM Style 2464)

Mechanical Characteristics

Bulk Cable Weight:	70 lbs/1000ft

Standards

NEC/(UL) Compliance:	CM (cable only)
UL AWM Style Compliance:	UL Style 2464 (300 V 80°C) (cable only)

Applicable Environmental and Other Programs

EU Directive Compliance:	EU Directive 2003/11/EC (BFR)
MII Order #39 (China RoHS):	Yes

Flammability, LS0H, Toxicity Testing

UL voltage rating:	300 V RMS (UL AWM Style 2464)

Plenum/Non-Plenum

Plenum (Y/N):	No

Part Number

Variants

Item #	Color	Length	UPC
49642 C62S2	Gray, Gull	3.3 ft	612825154150

Product Notes

Notes:	Molded connector is male/female design for easy stacking and comes with molded-in metric jackscrews.

History

Update and Revision:	Revision Number: 0.325 Revision Date: 12-15-2021

Mouser Electronics

Authorized Distributor

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

[Belden Wire & Cable](#):
  [49642 C62S2](#)