



Product: [1403A](#)

SCSI, #28-34pr, PO, O/A Foil+Braid, PVC Jkt, CMG

Product Description

SCSI, 28 AWG stranded (7x36) tinned copper conductors, flame-retardant polyolefin insulation, polypropylene buffer layer, twisted pairs, overall Beldefoil® shield + tinned copper braid shield (85% coverage), see color code chart (below), light gray PVC jacket.

Technical Specifications

Product Overview

Suitable Applications:	SCSI II
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Construction Details

Conductor

Element	No. of Elements	Size	Stranding	Material
Pair(s)	34	28	7x36	TC - Tinned Copper

Insulation

Material	Nom. Thickness	Nom. Insulation Diameter	Color Code	Notes
PP - Polypropylene	0.01 in (0.25 mm)	0.034 in (0.86 mm)	White/Blue & Blue/White, White/Orange & Orange/White, White/Green & Green/White, White/Brown & Brown/White, White/Gray & Gray/White, Red/Blue & Blue/Red, Red/Orange & Orange/Red, Red/Green & Green/Red, Red/Brown & Brown/Red, Red/Gray & Gray/Red, Black/Blue & Blue/Black, Black/Orange & Orange/Black, Black/Green & Green/Black, Black/Brown & Brown/Black, Black/Gray & Gray/Black, Yellow/Blue & Blue/Yellow, Yellow/Orange & Orange/Yellow, Yellow/Green & Green/Yellow, Yellow/Brown & Brown/Yellow, Yellow/Gray & Gray/Yellow, Purple/Blue & Blue/Purple, Purple/Orange & Orange/Purple, Purple/Green & Green/Purple, Purple/Brown & Brown/Purple, Purple/Gray & Gray/Purple, White & Blue, White & Orange, White & Green, White & Brown, White & Gray, Red & Blue, Red & Orange, Red & Green, Red & Brown	Flame Retardant

Outer Shield

Shield Type	Material	Coverage
Tape	Bi-Laminate (Alum+Poly)	100%
Braid	Tinned Copper (TC)	85%

Outer Jacket

Separator	Material	Nom. Thickness	Nom. Diameter
PO - Polyolefin (Foam) Tape	PVC - Polyvinyl Chloride	0.038 in (0.97 mm)	0.48 in (12 mm)

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Nom. Characteristic Impedance	Nom. Velocity of Prop.	Max. Current
73.5 Ohm/1000ft	12.7 pF/ft (41.7 pF/m)	30 pF/ft (98 pF/m)	122 Ohm	66%	0.5 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature	Operating

105°C	-20°C To +105°C
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Bend Radius

Stationary Min.	Installation Min.
4.8 in (120 mm)	4.8 in (120 mm)

Max. Pull Tension:	262.8 lbs (119.2 kg)
Bulk Cable Weight:	128 lbs/1000ft

Standards and Compliance

Flammability / Reaction to Fire:	UL1685 UL Loading, FT4
CPR Compliance:	CPR Euroclass: Eca
NEC / UL Compliance:	Article 725, Article 800, CL2, CM
CEC / C(UL) Compliance:	CM
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: 0.445 Revision Date: 02-03-2025
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Part Numbers

Variants

Item #	Color	UPC	Footnote
1403A F2V1000	Gray, DEC	612825114765	C
1403A F2V500	Gray, DEC	612825114772	C

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