



Product: [1540A](#)

RISC 6000, #28-7c, BC, PO, O/A Foil+Braid, PVC Jkt, CL2

Product Description

RISC 6000 IBM XX, YY Cable, 28 AWG stranded (7x36) bare copper conductors, patented step polyolefin insulation, twisted pairs, overall Beldfoil® shielded + tinned copper braid shield (65% coverage), tinned copper drain wire, PVC jacket (see RISC color code chart below).

Technical Specifications

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	7	28 AWG	7x36	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Nom. Insulation Diameter	Color Code
Conductor(s)	PP/PE - Polypropylene/Polyethylene	0.01 in (0.25 mm)	0.035 in mm	IBM – RISC 6000

Outer Shield

Shield Type	Material	Coverage	Drainwire Type
Tape	Bi-Laminate (Alum+Poly)	100%	28 AWG (7x36) TC
Braid	Tinned Copper (TC)	67%	

Outer Jacket

Material	Nom. Thickness	Nom. Diameter
PVC - Polyvinyl Chloride	0.019 in (0.48 mm)	0.19 in

Overall Cable Diameter (Nominal): 0.19 in

Electrical Characteristics

Electricals

Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Max. Current
66.6 Ohm/1000ft	12.5 pF/ft (41.0 pF/m)	23 pF/ft (75 pF/m)	0.9 Amps per Conductor at 25°C

Voltage

UL Voltage Rating
300 V

Mechanical Characteristics

Temperature

UL Temperature
60°C

Bend Radius

Stationary Min.	Installation Min.
1.9 in (48 mm)	1.9 in

Max. Pull Tension: 14.7 lbs (6.67 kg)

Bulk Cable Weight: 19 lbs/1000ft

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL1685 UL Loading
NEC / UL Compliance:	Article 725, CL2
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Other Standard Compliance(s):	IBM Part No. XX, YY Cable, RJ-45 compatible

Product Notes

Notes:	Patent # 5,220,130. Single conductors are dual insulated. Outer layer of insulation must be stripped off before attaching modular connectors.
--------	---

History

Update and Revision:	Revision Number: 0.339 Revision Date: 05-05-2023
----------------------	--

Part Numbers

Variants

Item #	Color	UPC
1540A 0081000	Gray	612825117643

© 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 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.