

ų	7
	1
Ι	

Product: <u>3079A</u> ☑

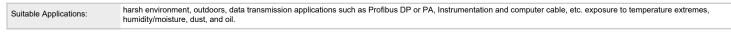
Profibus, 1 Pr #22 Sol BC, PE Ins, OS+TC Brd, PVC Jkt, PLTC CMG Profibus DP

😭 Request Sample

Product Description

Profibus, 1 Pair 22AWG (Solid) Bare Copper, PE Insulation, Overall Beldfoil®+Tinned Copper Braid(65%) Shield, PVC Outer Jacket, PLTC CMG AWM 20201 SUN RES Profibus DP

Technical Specifications



Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	1	22	Solid	BC - Bare Copper
Insulation				

Insulation

Element	Material	Thickness [in.]	Color Code	Notes
Pair(s)	PE - Polyethylene (Foam)	0.035	Red & Green	Flame Retardant, Foam w/ skin

Outer Shield Material

Shield Type	Material	Coverage
Tape + Braid	Bi-Laminate (Alum+Poly) + Tinned Copper (TC)	65% + 65%

Outer Jacket Material

Material	Thic	kness	Nom. Diameter
PVC - Polyvinyl Chloride	0.04	3 in	0.315 in
Cable Diameter (Nominal):		0.315	in

Electricals

Element	Nom. Conductor DCR	Characteristic Impedence	Max. Current
Pair(s)	16 Ohm/1000ft	150 Ohm	2.3 Amps per Conductor
Nom Oute	er Shield DCR: 3.	9 Ohm/1000ft	

High Frequency (Nominal/Typical)

Element	Frequency [MHz]	Nom. Insertion Loss
Pair(s)	0.2 MHz	0.27 dB/100ft
	4 MHz	0.67 dB/100ft
	16 MHz	1.37 dB/100ft

High Freq

Frequency [MHz]	Max. Insertion Loss (Attenuation)
0.2 MHz	1.1 dB/100m
4 MHz	2.65 dB/100m
16 MHz	5.4 dB/100m

Voltage

UL Voltage Rating 300 V (CMG, PLTC), 600 V (UL AWM 20201)

Temperature

Bend Radius

Stationary Min. Installation	ı Min.
3.2 in 2.4 in	
Max. Pull Tension:	50 lbs
Bulk Cable Weight:	52 lbs/1000ft
Environmental Suitability:	Indoor, Sunlight Resistance
Flammability / Fire Resistance:	UL1685 FT4 Loading, FT4, 1202, IEC 60332-1-2
NEC / UL Compliance:	Article 725, Article 800, CMG, PLTC
AWM Compliance:	20201
CEC / C(UL) Compliance:	CMG
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
Notes:	Siemens Sinec L2 Cable. For CPE jacketed version order Part No. YR45047. For LSZH (FRNC) jacketed version, order Part No. 3079T or YR44731.
Update and Revision:	Revision Number: 0.357 Revision Date: 08-25-2020

© 2020 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 regulators based on their individual usage of the product.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Multi-Conductor Cables category:

Click to view products by Belden manufacturer:

Other Similar products are found below :

 89182-010-1000
 89705-008-500
 6000FE-877-1000
 CS2885-000
 M27500-20SP2S23
 6300FE-877-U1000
 6309UE-877-1000
 M3905-BK005

 6502FE
 8771000
 6541PA-008-U1000
 CV6807-000
 CW9530-000
 CX6543-000
 CXA-0066-20-4-9CS2973
 CXA-0078-16-1-9CS2405
 CXA

 0078-22-4-9CS2405
 CXA-0078-24-4-9CS2405
 CXA-0140-16-6/9-9CS2405
 CY0660-000
 720451-000
 752687-000
 768146-000
 773159-000

 82841-877-5000
 83318E-009-500
 8348-060-500
 83559-002-1000
 83653-002-5000
 83659-002-1000
 83709-002-1000
 8404-060-500
 8469

 060100
 858171-000
 8628-060-500
 868361-001
 8730-060-1000
 8737-060-U1000
 8747-060-100
 8769-060-1000
 8775-060

 500
 877541-000
 8782-001-U1000
 88444-002-1000
 9159-060-500
 9318-060-1000
 939870-000
 9423
 060U500
 9444

 060U1000
 877541-000
 8782-001-U1000
 88444-002-1000
 9159-060-500
 9318-060-1000
 939870-000
 9423
 060U500
 9444