



Razão social: FacTI – Fundação de Apoio à Capacitação em Tecnologia da Informação
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 Endereço: Rodovia Dom Pedro I (SP-65), Km 143,6 – Jd. Santa Mônica – Campinas – SP.
 CEP: 13069 – 901 Site: www.facti.com.br
 Fone: (19) 3211-5000

Prezados,

Conforme solicitação, segue cotação e informação de prazo de entrega, condições de venda.
 Para as seguintes condições comerciais:

CIF - BRASIL - Entrega no endereço solicitado

Todos os impostos inclusos

Moeda = REAL

Pagamento = Antecipado - antes do embarque

Prazo de Entrega = 10 semanas após o pedido

EXW - FRANCE

Nenhum Imposto Incluso

Preço FOB - França - MONTMIRAIL

Moeda = Euro ou Dolar

Pagamento = Antecipado - antes do embarque

Prazo de Entrega = 8 semanas após o pedido

PRODUTO - Descripción	Qtd M	Unit Sales Price EXW-France or Brazil IN EURO	Total Sales Price EXW-France or Brazil IN EURO	Unit.Sales Price EXW FrançaDolar \$	Total Sales Price EXW FrançaDolar \$	Preço unitario CIF BRASIL - R\$	Preço Total CIF BRASIL R\$
Micro-Conector 09 vias fêmea - C/ CABO 15 cm AWG26 (lab testsl) PN MDA209SEW015B	36	21,45	772,20	28,96	1.042,47	66,50	2.393,82
Cabos SpaceWire 50cm - Etudy S552418AA (lab tests) - PN P552418	36	463,89	16699,93	626,25	22.544,91	1438,05	51.769,79
Cabos SpaceWire 50cm - Etudy S552418AA (EM) - PN P552419	2	515,43	1030,86	695,83	1.391,66	1597,83	3.195,67



ATENCIOSAMENTE,

Luciene Moreira

Axon Cable Ind e Comércio Ltda - Brasil

Av. Evandro Lins e Silva, 840 - Sala 610

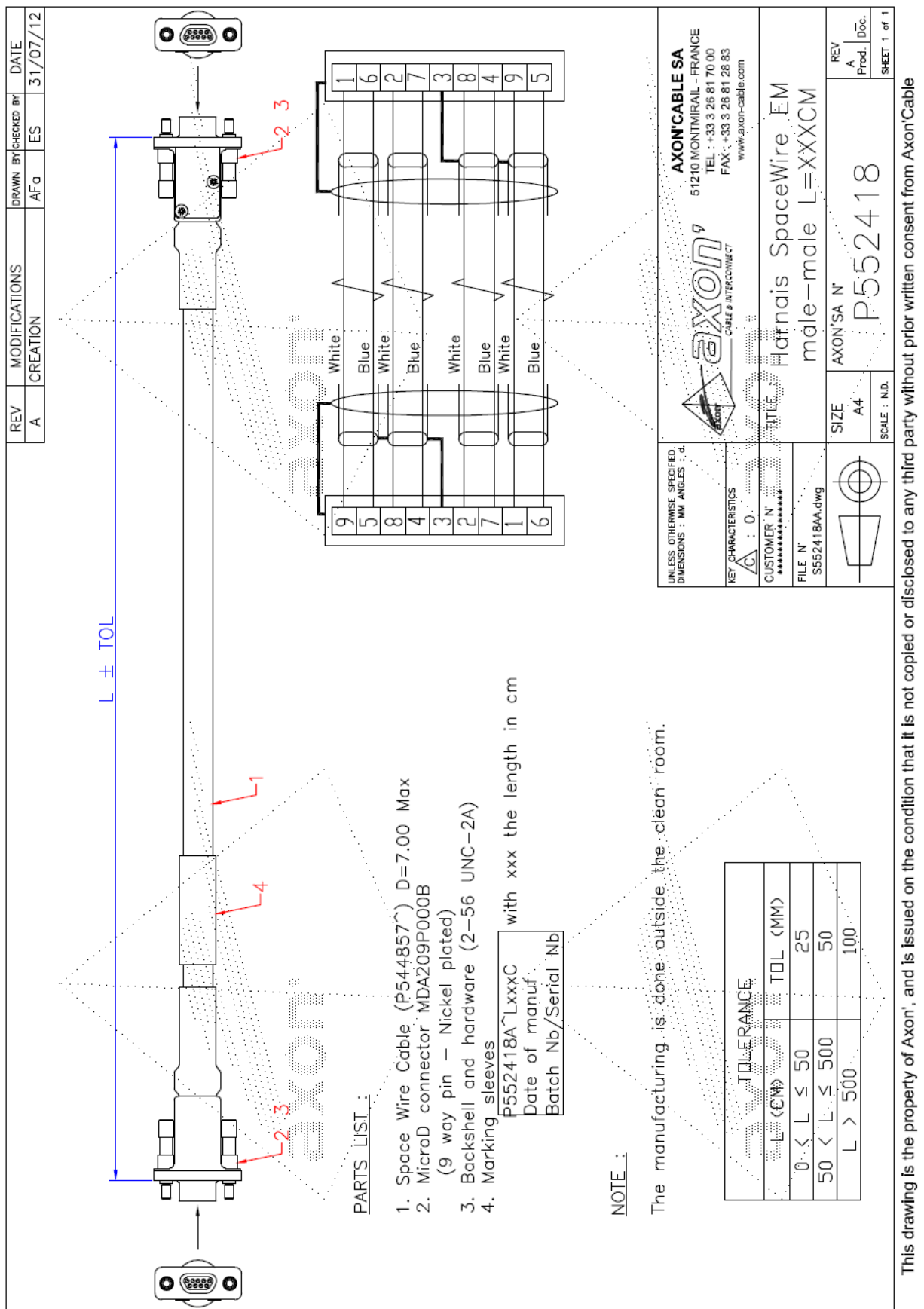
Rio de Janeiro - RJ - 21 9322 0745 - 21 2178-2498



axon'

CABLE & INTERCONNECTIQUE

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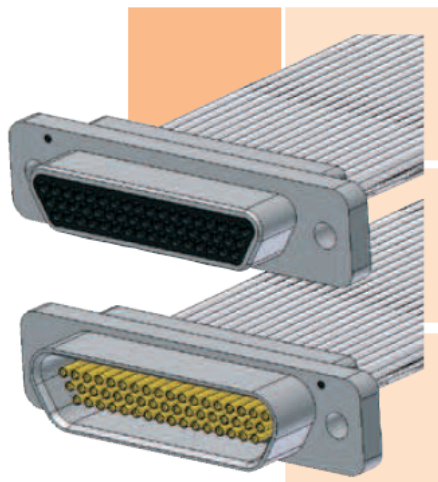


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Standard Micro-D
connectors



RECTANGULAR CONNECTORS

PIGTAIL CONNECTOR

METAL SHELL

- High performance metal connector and PTFE wire.
- Environmentally sealed.
- Operating temperature : 150°C or 200°C.
- 9 to 100 contacts.

IDENTIFICATION CODE

MDA 2 51 S 4 L 050 B

SERIES

MDA : Micro-D AXON' standard series.

CONNECTOR TYPE

- 1 : Cadmium aluminium shell + potting 150°C.
- 2 : Nickel aluminium shell + potting 150°C.
- 3 : Nickel aluminium shell + potting 200°C.
- S : Passivated stainless steel shell + potting 200°C.

NUMBER OF CONTACTS 09,15,21,25,31,37,51, 51DR, 100.
See pages 16&17 for contact arrangements.

CONNECTOR GENDER

- P : Male (pin contacts).
- S : Female (socket contacts).

WIRE TYPE

For colour codes F, L, W

- 1: E 2607 , AWG 26, 7 strands, 600V.
- 4: E 2619 , AWG 26, 19 strands, 600V.
- 6: E 2807 , AWG 28, 7 strands, 600V.
- 8: E 3007 , AWG 30, 7 strands, 600V.
- A: E 2407 , AWG 24, 7 strands, 600V.
- C: E 2419 , AWG 24, 19 strands, 600V.
- E: M22759/33, AWG 26, 19 strands, 600V.

- For colour code V only
- 3 : M22759/11, AWG26, 19 strands, 600V.
- F : E2607, AWG26, 7 strands, 600V.
- Solid uninsulated wires
- G : AWG 25 gold plated.
- T : AWG 24 tin plated.
- See page 19 for wire types.*

COLOUR CODE

- F : All yellow.
- L : All white.

BLANK : If wire type is G or T.
W : 10 colour repeat.
V : MIL-STD-681 striped (only for wire types 3 and F).
See page 20 for colour code.

WIRE LENGTH (cm)

Attention ! Wire length in centimetres - (1cm = 10mm = 0.394").

HARDWARE

- B : No hardware.
- C : U-clips with low profile hex skt head jackscrews (removable).
- D : U-clips with low profile slot head jackscrews (removable).
- M : Low profile hex skt head jackscrews (removable).
- N : High profile hex skt head jackscrews (removable).
- S : Low profile slot head jackscrews (removable).
- T : High profile slot head jackscrews (removable).
- P : Jackposts (removable).
- K : High profile slot head jackscrews (non removable).
- L : Low profile hex skt head jackscrews (non removable).
- F : Float mount (non removable).

L	L ≤ 10	10 < L ≤ 100	L > 100
in cm (inches)	L ≤ 3.940	3.940 < L ≤ 39.40	L > 39.40
TOLERANCE	-0 / +0.5	-0 / +3	-0 / +5
in cm (inches)	-0 / +0.200	-0 / +1.180	-0 / +1.970

METAL CONNECTORS ARE SUPPLIED WITH ANTI-STATIC PROTECTIVE DUST CAPS

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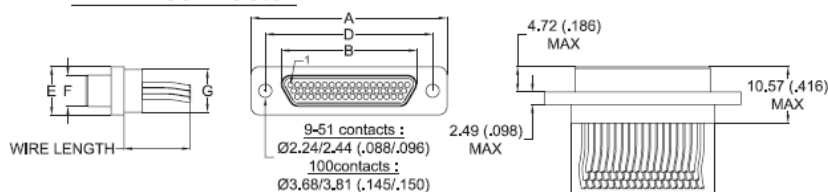
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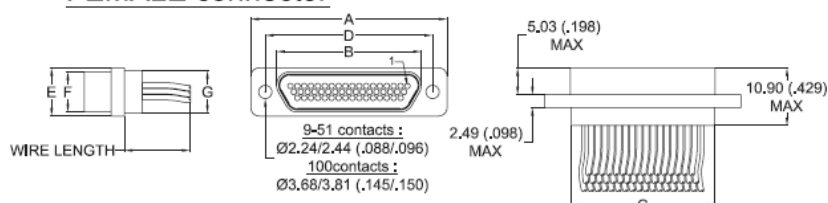
DIMENSIONS

Dimensions are in millimetres (inches).

MALE connector



FEMALE connector



Standard Micro-D connectors

	A ± 0.25 (±.010)	B max.		C -0.46/+0.25 (-.018/+ .010)	D ± 0.13 (±.005)	E ± 0.25 (±.010)	F max.		G max.
		Male	Female				Male	Female	
9 P / 9 S	19.69 .775	8.48 .334	10.16 .400	9.91 .390	14.35 .565	7.57 .298	4.69 .185	6.35 .250	6.86 .270
15 P / 15 S	23.50 .925	12.29 .484	14.00 .551	13.72 .540	18.16 .715	7.57 .298	4.69 .185	6.35 .250	6.86 .270
21 P / 21 S	27.31 1.075	16.10 .634	17.81 .701	17.53 .690	21.97 .865	7.57 .298	4.69 .185	6.35 .250	6.86 .270
25 P / 25 S	29.85 1.175	18.64 .734	20.35 .801	20.07 .790	24.51 .965	7.57 .298	4.69 .185	6.35 .250	6.86 .270
31 P / 31 S	33.66 1.325	22.45 .884	24.16 .951	23.88 .940	28.32 1.115	7.57 .298	4.69 .185	6.35 .250	6.86 .270
37 P / 37 S	37.47 1.475	26.26 1.034	27.96 1.101	27.69 1.090	32.13 1.265	7.57 .298	4.69 .185	6.35 .250	6.86 .270
51DR P / 51DR S	46.36 1.825	35.15 1.384	36.83 1.450	36.58 1.440	41.02 1.615	7.57 .298	4.69 .185	6.35 .250	6.86 .270
51 P / 51 S	36.20 1.425	24.99 .984	26.70 1.051	26.42 1.040	30.86 1.215	8.66 .341	5.79 .228	7.44 .293	7.87 .310
100 P / 100 S	54.86 2.160	35.15 1.384	36.86 1.451	36.37 1.432	45.72 1.800	9.75 .384	6.88 .271	8.46 .333	9.14 .360

SUMMARY OF CHARACTERISTICS

ELECTRICAL & MECHANICAL PERFORMANCE		MATERIAL & FINISH	
CURRENT RATING	3 A max.	SHELL	Aluminium alloy 6061 or 300 series stainless steel, see ordering info for plating options
CONTACT RESISTANCE	8 mΩ max.	MOULDED INSULATOR	Liquid Crystal Polymer (LCP)
INSULATION RESISTANCE	5000 MΩ min. @ 500 V DC	INTERFACIAL SEAL	Fluorosilicone rubber
DIELECTRIC WITHSTANDING VOLTAGE	Sea level : 600 V AC Altitude 21 km (70,000 ft) : 150 V AC	PIN CONTACT	Copper and beryllium copper, gold over nickel plating
CONTACT ENGAGING FORCE	170 g max. (6 oz)	SOCKET CONTACT	Copper alloy, gold over nickel plating
CONTACT SEPARATING FORCE	14 g min. (0.5 oz)	ENCAPSULANT	Epoxy resin
CONTACT RETENTION	2.26 kg (5 lbs)	HARDWARE	300 series stainless steel, passivated
DURABILITY	500 mating cycles min.		
VIBRATION	20g's - No discontinuity > 1 μs		
SHOCK	50g's - No discontinuity > 1 μs		

SEE PAGE 15 FOR MORE INFORMATION



www.axon-cable.com - www.microd-connectors.com

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RAZÃO SOCIAL : AXON CABLE IND.E COM. LTDA
CNPJ: 17.803.805/0001-76
INSCRIÇÃO ESTADUAL : 07.988433.2

➤ **Endereço de Faturamento:**

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Office +55 21 2178-2498 +55 21 9322 0745 / +55 21 9131 7025

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➤ **DADOS BANCÁRIOS**

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SÓCIOS :

Matriz França AXON´CABLE SAS CNPJ: 17.224.859/0001-87

JOSEPH PUZO - CPF: 236.046.698-47
CHIRSTELE OLIVIE - CPF 236.039.518-16

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SECAMIC BRASIL LTDA - 21 3215-0746 - Sr. Hubert ou Juliana

➤ **REFERENCIAS COMERCIAIS - CLIENTES NO BRASIL E EUROPA**

BRASIL: VALEO BRASIL - SCHLUMBERGER - INPE - EQUATORIAL SISTEMAS - ORBISAT - ELEB - (Grupo Embraer) CONAE ARGENTINA - GRUPO EADS Helibrás -
Europa: SCHLUMBERGER - EUROCOPTER - NASA - ESA - AIRBUS - ESTALEIRO DCNS, ETC,