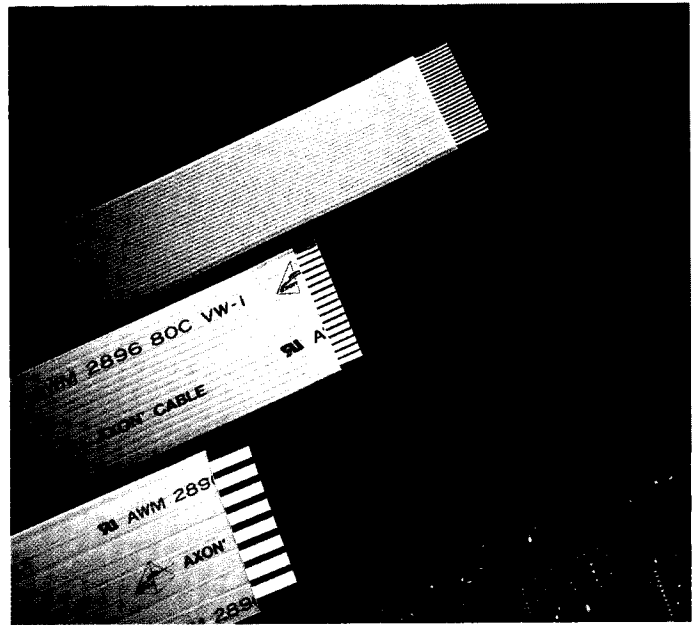


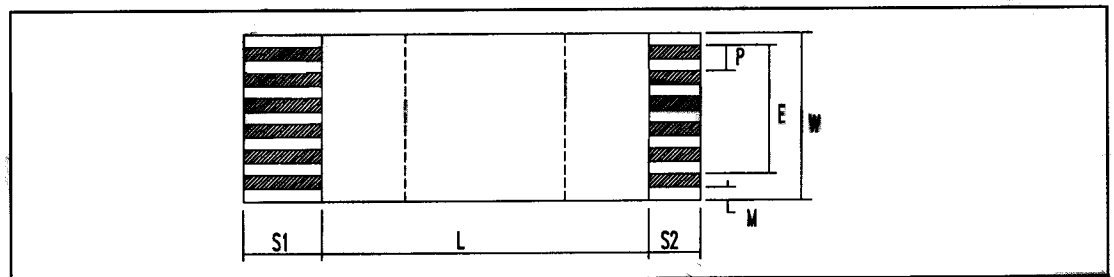
AXOJUMP® FLAT FLEXIBLE CABLES

AXOJUMP® Flat Flexible Cables consist of flat tin plated copper conductors insulated between Polyester based tapes. Dependant on the type of interconnection used, reinforcement tapes can be added to the cable ends.

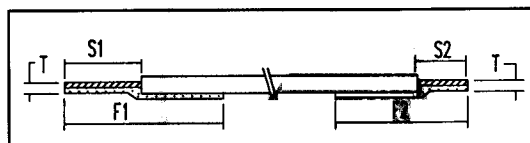


STRIPPING/CONNECTION

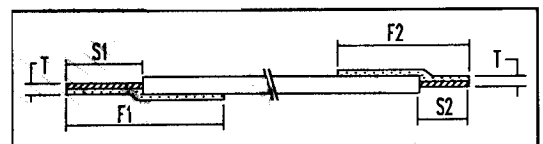
General scheme (Type A)



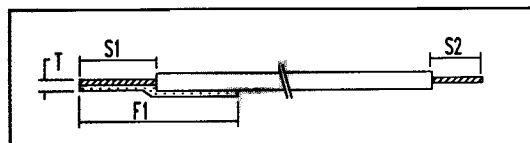
Type A Connector/Connector



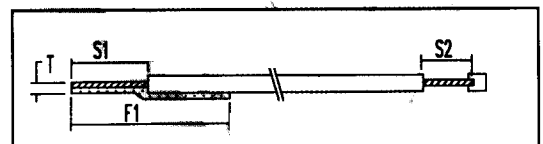
Type D Connector/Connector (opposite)



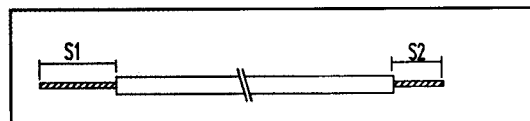
Type B Connector/Solder



Type E * Connector/Solder



Type C Solder/Solder



Type F * Solder/Solder



* Note : The overlapping length of insulation on the conductor at the pre-stripped end is approximately 1 mm.

GENERAL CHARACTERISTICS (standard products)

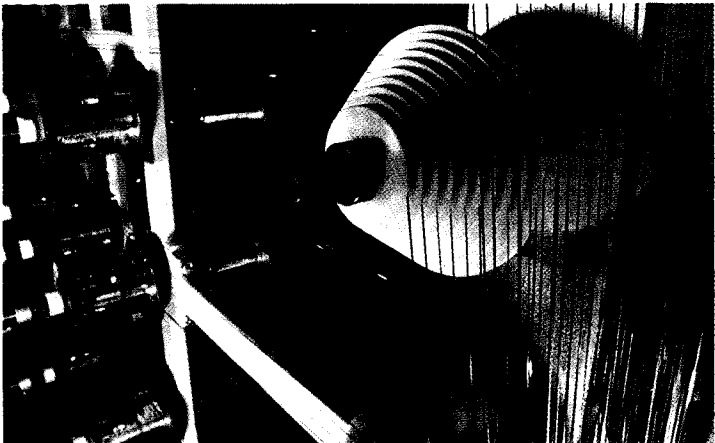
PITCH:P	mm	0.50	0.80	1.00	1.25	1.27	2.54
TYPES		A-D-E-F			A-B-C-D-E-F		
NUMBER OF CONDUCTORS (N)							
TYPES A and D (min./max.)		9 to 91	5 to 104	4 to 99	3 to 79	3 to 77	2 to 38
TYPES B and C (min./max.)		ON REQUEST		4 to 99	3 to 79	3 to 77	2 to 38
TYPES E and F (min./max.)		13 to 59	8 to 36	6 to 29	5 to 23	5 to 22	2 to 10
CABLE WIDTH : W		(N+1) 0.50	(N+1) 0.80	(N+1) 1.00	(N+1) 1.25	(N+1) 1.27	(N+1) 2.54
MARGIN : M	mm	0.35	0.55	0.65	0.85	0.87	1.75
CONDUCTOR WIDTH : C	mm	0.30	0.50	0.70	0.80	0.80	1.57
STRIP LENGTH : S	mm	2-3-4-5-6-7					
REINFORCEMENT LENGTH : F	mm	6-8-9-10-15					
INSULATED LENGTH : L (*)	mm	TYPES A and D = 20 to 1500 TYPES E and F = 40 to 1500		TYPES A-B-C-D = 20 to 9999 TYPES E and F = 40 to 9999			
END THICKNESS : T	mm	0.30 +/- 0.05					
CONDUCTOR THICKNESS							
STANDARD : S (TYPES A-B-C-D-E-F)	mm	0.10					0.076
FLEXIBLE : F (TYPES A-B-C-D)	mm	0.05					ON REQUEST
EXTRA-FLEXIBLE : E (TYPES A and D)	mm	ON REQUEST		0.035			

(*) Insulated length for extra-flexible versions = 60 to 1500 mm
NOTE : for non-standard configurations a design can be provided on request

QUALITY : ISO 9001

AXON' CABLE continues to invest in Quality Assurance. The company is approved to several international standards including ISO 9001 and the Quality Department ensures that standards are constantly maintained. Internationally recognised programmes and methods such as "Statistical Process Control" and TPM (Total Productive Maintenance) are applied throughout our manufacturing area in order to improve productivity. The AXO-JUMP® range of cables has obtained the approvals listed hereafter :

UL STYLE	VOLTAGE	TEMPERATURE
UL STYLE 2896	30 V A.C.	80 °C (176 °F)
UL STYLE 2643	300 V A.C.	105 °C (221 °F)
UL STYLE 20624	60 V A.C.	80 °C (176 °F)
UL STYLE 20696	30 V A.C.	80 °C (176 °F)
UL STYLE 2537	300 V A.C.	80 °C (176 °F)
UL STYLE 2737	300 V A.C.	80 °C (176 °F)
UL STYLE 20566	90 V A.C.	105 (221 °F)



STANDARD PRODUCTS

FFC 1.00 A 25 / 200 - L - 5 - 5 - 10 - 10 - S - B

MARKING :
A = Not marked
B = Standard marking
(with UL STYLE 2896 or 20624
and AXON' logo)
Other marking types on request.

CONDUCTOR THICKNESS :
S (standard) = 0.1 mm/0.004 in
(0.076/0.003 in for pitch 2.54)
F (flexible) = 0.05 mm/0.02 in
E (extra-flexible) = 0.035 mm/0.001 in
(only for 1.00 mm - 1.25 mm - 1.27 mm pitches)

REINFORCEMENT LENGTH in mm (F2)-END 2

REINFORCEMENT LENGTH in mm (F1)-END 1

STRIP LENGTH in mm (S2)-END 2

STRIP LENGTH in mm (S1)-END 1

TYPE OF TAPES : see table below

INSULATED LENGTH in mm = L

NUMBER OF CONDUCTORS (N)

TYPE OF STRIPPING
A : Stripped at both ends on 2 sides with reinforcements on the same side.
B : One end : stripped on 2 sides with reinforcement. Other end : stripped on 2 sides without reinforcement.
C : Stripped at both ends on 2 sides without reinforcement.
D : Stripped at both ends on 2 sides with reinforcements on opposite sides.
E : One end : stripped on both sides with reinforcement. Other end : pre-stripped on 2 sides without reinforcement.
F : Pre-stripped at both ends on 2 sides without reinforcement.

PITCH = 0.50/0.80/1.00/1.25/1.27/2.54 mm

FFC = FLAT FLEXIBLE CABLE

Reinforcement types

- Polyester reinforcements (standard version) for terminating with connector.
- Polyimide reinforcements (on request) for "hot bar" soldering.
- Combination of polyester/polyimide reinforcements (on request).

Type of tapes

Tape Reference	Colour	Standard Conductor (S)	Flexible Conductor (F)	Extra-flexible Conductor (E)	UL Style	Types of Stripping
L	White	X	X		2896	A-B-C-D-E-F
H	White	X	X		2643-20566-2537-2737	A-B-C-D
E	White			X	20696-2896-20624	A and D
R	White	X	X		20696	A-B-C-D
P	White	X	X		20624	A-B-C-D
M	Black	X	X		2896	A-B-C-D
N	Black			X	20696-2896-20624	A and D

AXON' reserves the right to change the composition of FFC cables without prior notice.