



The FFC cable is RoHS compliant!  
Foam tape is stucked to the cable surfaces.



REV	MODIFICATIONS	DRAWN BY	CHECKED BY	DATE
AA	CREATION	JZ	ToH	07/05/2010
AB	modif customer N°	JZ	ToH	20/05/2010
BA	modif of the tolerances of W	ToH	JZ	22/06/2010
CA	modif of the foam adhesive	ToH	JZ	12/08/2010
DA	modif of the foam adhesive	JZ	ToH	09/05/2011

### CHARACTERISTICS only for FFC cable

ITEMS	VALUE	TEST METHOD
Resistance of conductor	1460 Ohm/km max	-
Conductor to conductor insulation resistance	10 MOhm.m mini	500 V DC
Dielectric test (conductor to conductor)	1 minute	200 V AC
Temperature rating	105 °C	-
Voltage rating	60 V AC maxi	-
Flame resistance	VW - 1	UL 758

### COMPOSITION

COMPONENTS	UNITS	SPECIFICATIONS	Item
Conductor	-	Gold plated copper (1 µm Ni & 0.2 µm Au)	1
Insulation	MM	0,30X0,05 mm nominal	2 3
Reinforcement tape	MM	0,086 mm nominal	4 5
Foam tape	MM	Blue polyester Thickness 0,180 mm nominal Material 3M 4516 foam adhesive tape Thickness 1,5mm thick antistatic, non conductive	6

### PRELIMINARY DRAWING!

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS : MM ANGLES : d.

AXON' Kábelgyártó Kft.  
6000 KECSKEMÉT - HUNGARY  
TEL : +36 76 50 20 66  
FAX : +36 76 50 81 96  
www.axon-cable.com

ITEMS	UNITS	SPECIFICATIONS
Number of conductors	-	8
Pitch	MM	0,50 ± 0,05
Span	MM	3,50 ± 0,05
Total width	MM	4,50 ± 0,10
Margin	MM	0,50 ± 0,10
Strip length	MM	3 ± 0,5
Strip length	MM	3 ± 0,5
End thickness	MM	0,30 ± 0,03
Insulated length	MM	644 ± 3
Reinforcement length	MM	6 ± 1,5
Reinforcement length	MM	6 ± 1,5
Strip difference S-S'	MM	0,30 max

CUSTOMER N° 780902  
FILE N° SJ10271-3-D.dwg

TITLE : FFC0.50A08/0644S3,0-3,0-06,0-06,0FAU/AU  
+foam adhesive spe tol spe Au Ni.

AXON'SA N° SJ10271-3

SIZE A4  
SCALE : N.D.

REV D A  
Prod. Doc.  
SHEET 1 of 1

This drawing is the property of Axon', and is issued on the condition that it is not copied or disclosed to any third party without prior written consent from Axon'Cable