



Specifications

Materials
 Conductor: Tinned Copper
 Insulation: Flame retardant polyester, White
 Supporting Tape: Polyester, Blue

Electrical
 Voltage Rating: 60V
 Current Rating: 0.5mm pitch=0.5A
 1.0mm pitch=1A

Mechanical & Environmental
 Operating Temperature Range:
 -40°C to +80°C (UL20624)
 -40°C to +105°C (UL20706)
 Durability: 30 Cycles

- Notes**
1. For detailed tolerance info, refer to FFC product spec.
 2. Halogen free product will have green printing on insulator.

For non-standard options, contact GCT

- Exposed conductor length
- Support strip length
- Conductor thickness/width
- Folding/bending to an angle

Ordering Grid

XX - XX - X - XXXX - X - X - XX - X - X - XX

Pitch
 05 = 0.5mm
 10 = 1.0mm

Number of Conductors
 04-80 (0.5mm pitch)
 04-50 (1.0mm pitch)

Cable Type
 A = Conductor Same Side
 D = Conductor Opposite Side

Overall Length (L)
 Specify cable length (Minimum = 30mm)
 eg 0030 = 30mm
 0100 = 100mm

Conductor Thickness x Width
 A = 0.035 x 0.3 (0.5mm pitch only)
 D = 0.035 x 0.65 (1.0mm pitch only)
 E = 0.05 x 0.65 (1.0mm pitch only)
 C = 0.1 x 0.65 (1.0mm pitch only) (Tin plating only)

Exposed Conductor Length
 4 = 4mm both ends (standard)
 Or specify custom length

Support Strip Length
 06 = 6mm both ends (standard - 0.5mm pitch)
 08 = 8mm both ends (standard - 1.0mm pitch)
 Or specify custom length

Plating
 T = Tin
 G = Gold (Conductor Thickness x Widths A, D & E only)

Environmental Options
 Blank = Insulator contains DBDPE
 -HF = Halogen/ DBDPE free

UL Style No.
 1 = UL20624, not printed
 2 = UL20624, printed
 3 = UL20706, not printed
 4 = UL20706, printed

Request Samples and Quotation

Support Strip and Plating Options by Pitch			
Pitch (mm)	Support Strip Length (mm)	Plating Options (conductor thickness x width (mm))	
		Tin	Gold
0.5	6	0.035 x 0.3 (A)	0.035 x 0.3 (A)
		0.035 x 0.65 (D)	0.035 x 0.65 (D)
		0.05 x 0.65 (E)	0.05 x 0.65 (E)
1.0	8	0.1 x 0.65 (C)	0.1 x 0.65 (C)

Part Number N/A		Product Description Flat Flex Cable Ordering Information	
Drawing Date 23rd May 2011			
By KY	Tolerances (Except as Noted) Length	Units: Metric (mm)	<p>This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE</p>
Detail FFC CABLE B PCN	Angle	3rd Angle Projection	
Revision B8			
Date 05/02/26			
Not to Scale		Drawn By SA	Sheet No. 1/2



Shielded FFC Ordering Information

Shielding Options		
Material	Usage	Remarks
Aluminium foil with conductive glue (Standard)	General shielding	Polyester film laminated non-conductive surface
Copper foil with conductive glue	High performance shielding	
Grounding Conductors		
Conductor 1		Decide the conductor numbers you require grounded to the shield.
Conductor 1		Note the default location of conductor 1 and whether this is suited to your design

For non-standard options, contact GCT

- Exposed conductor length
- Support tape length
- Conductor thickness/width
- Folding/bending to an angle

Ordering Grid

S - **XX** - **XX** - **X** - **XXXX** - **X** - **X** - **XX** - **X** - **XX** - **X** - **X** - **XX** - **Request Samples and Quotation**

Pitch
05 = 0.5mm
10 = 1.0mm

Number of Conductors
06-80 (0.5mm pitch)
06-50 (1.0mm pitch)

Cable Type
A = Conductor Same Side
D = Conductor Opposite Side

Overall Length (L)
Specify cable length (Minimum = 30mm)
eg 0030 = 30mm
0100 = 100mm

Conductor Thickness x Width
A = 0.035 x 0.3 (0.5mm pitch only)
D = 0.035 x 0.65 (1.0mm pitch only)
E = 0.05 x 0.65 (1.0mm pitch only)
C = 0.1 x 0.65 (1.0mm pitch only) (Tin plating only)

Shield Material
A = Aluminium
C = Copper

Which conductor is connected to shield both ends (up to 4)
eg 00 = No conductors are connected to shield
01 = Conductor 1 connected to shield both ends
0105 = Conductors 1 and 5 connected to shield
010508 = Conductors 1, 5 and 8 connected to shield
...
01050816 = Conductors 1, 5, 8 and 16 connected to shield
If more than 4 conductors connected to shield, contact GCT

Environmental Options
Blank = Insulator contains DBDPE
-HF = Halogen / DBDPE free

Plating
T = Tin
G = Gold (Conductor Thickness x Widths A, D & E only)

UL Style No.
1 = UL20624, not printed
2 = UL20624, printed
3 = UL20706, not printed
4 = UL20706, printed

Support Strip Length
06 = 6mm both ends (standard - 0.5mm pitch)
07 = 7mm both ends (standard - 1.0mm pitch)
Or specify custom length

Exposed Conductor Length
5 = 5mm both ends (standard)
Or specify custom length

Part Number		Product Description	
N/A		Flat Flex Cable Ordering Information	
Drawing Date		23rd May 2011	
By	KY	Tolerances (Except as Noted)	Units:
Detail	FFC CABLE B PCN	Length	Metric (mm)
Revision	B8	Angle	3rd Angle Projection
Date	06/02/26		
		This drawing is confidential and copyright of Global Connector Technology, Ltd (GCT). This drawing must not be copied or disclosed without written consent. E & OE	
Not to Scale	Drawn By SA	Sheet No. 2/2	 www.gct.co