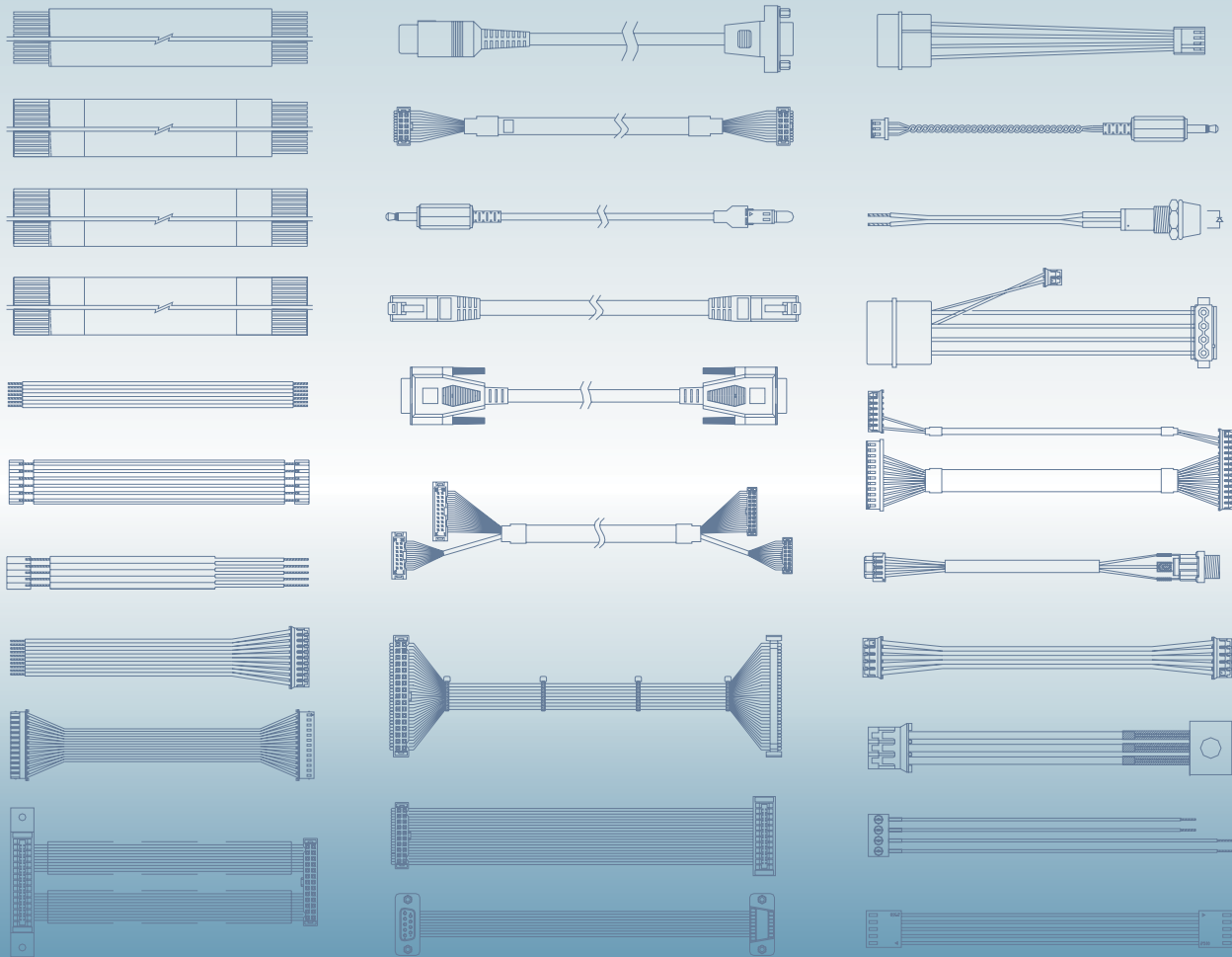


CABLES PARTNER



葉記電子有限公司
YEH CHI COMPONENTS LTD.

WWW.YEHCHI.COM.TW

CONTENT

- JW3968.....UL2651 Pitch:3.96mm 18AWG JUMPER CABLE
- JW2544.....UL2651 Pitch:2.54mm 24AWG JUMPER CABLE
- JW2546.....UL2651 Pitch:2.54mm 26AWG JUMPER CABLE
- JW2506.....UL2651 Pitch:2.50mm 26AWG JUMPER CABLE
- JW2026.....UL2651 Pitch:2.00mm 26AWG JUMPER CABLE
- JW1506.....UL2651 Pitch:1.50mm 26AWG JUMPER CABLE
- JW1508.....UL2651 Pitch:1.50mm 28AWG JUMPER CABLE
- JW1276.....UL2651 Pitch:1.27mm 26AWG JUMPER CABLE
- JW1278.....UL2651 Pitch:1.27mm 28AWG JUMPER CABLE
- FC1276.....UL2651 Pitch:1.27mm 26AWG FLAT CABLE
- FC1278.....UL2651 Pitch:1.27mm 28AWG FLAT CABLE
- FCS1278.....UL2651 Pitch:1.27mm 28AWG FLAT CABLE SLIT
- FCC1278.....UL20029 Pitch:1.27mm 28AWG FLAT CABLE COLOR
- FC1028.....UL2651 Pitch:1.00mm 28AWG FLAT CABLE
- FCP6353.....UL2678 Pitch:0.635mm 30AWG FLAT CABLE
- FCT6353.....UL20674 Pitch:0.635mm 30AWG FLAT CABLE
- FCS6353.....UL2678 Pitch:0.635mm 30AWG FLAT CABLE SLIT
- NPFC.....NO-PITCH COLOR WIRE
- FFC.....FLEXIBLE FLAT CABLE
- FFC MANUFACTURE.....STANDARD & ASSEMBLY
- CABLE ASSEMBLY.....FLAT CABLE
- CABLE ASSEMBLY.....JUMPER CABLE & NPFC
- WIRE HARNESS.....NPFC & WIRE & CABLE
- CABLE ASSEMBLY.....COMPUTER & CONTROL CABLE



線材製造、加工組裝合作夥伴

葉記電子有限公司

To process the goods for customers.
Best quality and reasonable prices.

- Cable Manufacture : UL Approval Since 1998, File NO. : E134727
- Cable Assembly : UL Approval Since 2009, File NO. : E327772
- RoHS,REACH Compliant : SGS Approval Since 2004
- ISO9001 : 2000



SGS

WCS
ISO 9001 REGISTERED COMPANY



服務項目

1.各式併排線製造

FLEXIBLE FLAT CABLE **UL : 20624、20706**
Pitch : 0.5、1.0、1.25、2.54

JUMPER CABLE **UL : 2651**

Pitch : 3.96、2.54、2.50、2.00、1.50、1.27

FLAT CABLE **UL : 2651、2678、20029**
Pitch : 1.27、1.00、0.635

NO-PITCH COLOR WIRE **UL : 1007、1015、1061、**
1095、1571、1430

2.連接線OEM/ODM成品組裝加工

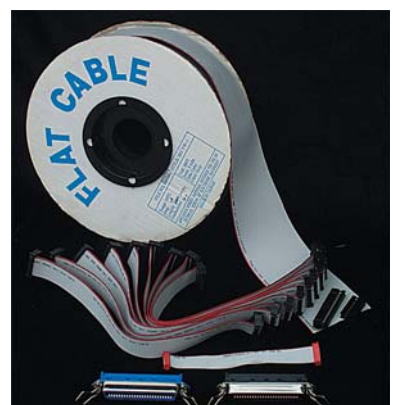
軟性排線(FFC)生產組裝

電子線加工組裝(WIRE HARNESS)

板對板跳線(JUMPER CABLE)各式成品加工

電腦線、連接線(FLAT CABLE)各式成品設計、組裝

電子線、連接線(ROUND CABLE)各式成品設計、組裝



CABLES PARTNER...YEH CHI
www.yehchi.com.tw

HOW TO ORDER

Link Your Conception With Our Products



Cable Series	Code No.	PITCH (mm)	Temp.	Voltage	UL Style	Conductor		Insulation		Package Length	
						Const.	Size(AWG)	Material	Color		
JUMPER CABLE	JW3968	3.96	-20°C to 105°C	300V	2651	Stranded	7/0.386(18)	PVC	GRAY	75M	
	JW2544	2.54			2651	Top-Coated	7/0.203(24)	PVC	GRAY	100M	
	JW2546	2.54			2651	Top-Coated	7/0.16(26)	PVC	GRAY		
	JW2506	2.50			2651	Top-Coated	7/0.16(26)	PVC	GRAY		
	JW2026	2.00			2651	Top-Coated	7/0.16(26)	PVC	GRAY		
	JW1506	1.50			2651	Top-Coated	7/0.16(26)	PVC	GRAY		
	JW1508	1.50			2651	Top-Coated	7/0.127(28)	PVC	GRAY		
	JW1276	1.27			2651	Top-Coated	7/0.16(26)	PVC	GRAY		
	JW1278	1.27			2651	Top-Coated	7/0.127(28)	PVC	GRAY		
	FLAT CABLE	FC1276			1.27	-20°C to 105°C	300V	2651	Stranded		7/0.16(26)
FC1278		1.27	2651	Stranded	7/0.127(28)			PVC	GRAY		
FCS1278		1.27	2651	Stranded	7/0.127(28)			PVC	RED GRAY GREEN		
FC1028		1.00	2651	Stranded	7/0.127(28)			PVC	GRAY		
FCC1278		1.27	20029	Stranded	7/0.127(28)			PVC	Ten Color		
FCS6353		0.635	-40°C to 105°C	150V	2678	SOLID	0.254(30)	PVC	RED WHITE BLUE	100M	
FCS6353		0.635				Stranded	7/0.102(30)				
FCT6353	0.635	-40°C to 105°C	150V	20674	SOLID	0.254(30)	TPE	YELLOW	100M		
FCT6353	0.635				Stranded	7/0.102(30)					
NO-PITCH	NPFC	No Pitch			1007/1015/ 1061/1095/ 1571/1430	Top-Coated Stranded	18-30AWG	PVC XLPVC			Assignable
FLEXIBLE FLAT CABLE	FFC050	0.50	80°C	30V	20624	Square	0.035*0.3	PET		WHITE	Assignable
	FFC080	0.80				Square	0.05*0.5	PET			
	FFC100	1.00	105°C	60V	20706	Square	0.05*0.6	PET			
	FFC125	1.25				Square	0.05*0.8	PET			
	FFC254	2.54	105°C	300V	2643	Square	0.1*1.27	PET			

CABLES PARTNER...YEH CHI
www.yenchhi.com.tw

JUMPER CABLE

JW3968



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : Stranded

AWG size : 18 AWG
 Number of strands in each conductor : 7/0.386mm
 Lay of strands in each conductor : 2 inch at least
 Cross section area : 1620 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

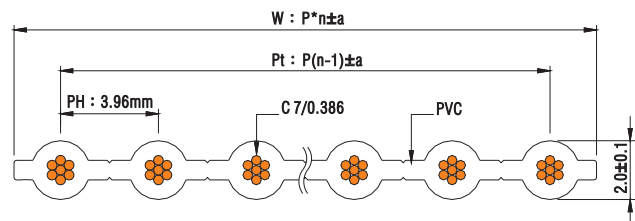
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW3968-3	3	18	7/0.386	2.0	11.88	±0.40
JW3968-4	4	18	7/0.386	2.0	15.84	±0.40
JW3968-5	5	18	7/0.386	2.0	19.80	±0.40
JW3968-6	6	18	7/0.386	2.0	23.76	±0.40
JW3968-7	7	18	7/0.386	2.0	27.72	±0.40
JW3968-8	8	18	7/0.386	2.0	31.68	±0.40
JW3968-9	9	18	7/0.386	2.0	35.64	±0.40
JW3968-10	10	18	7/0.386	2.0	39.60	±0.40
JW3968-12	12	18	7/0.386	2.0	47.52	±0.40
JW3968-14	14	18	7/0.386	2.0	55.44	±0.40
JW3968-16	16	18	7/0.386	2.0	63.36	±0.40
JW3968-18	18	18	7/0.386	2.0	71.28	±0.40
JW3968-20	20	18	7/0.386	2.0	79.20	±0.40
JW3968-21	21	18	7/0.386	2.0	83.16	±0.50
JW3968-22	22	18	7/0.386	2.0	87.12	±0.50
JW3968-24	24	18	7/0.386	2.0	95.04	±0.50

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 24.4 Ω/km
 Insulation resistance : Min. 200 MΩ-km
 Capacity : 38 pF/m (G-S-G)
 Inductance : 1.5 μH/m
 Characteristic Impedance : 55 Ω(G-S-G)
 Propagation delay time : 4.0 ns/m

■ CONSTRUCTION DRAWING :

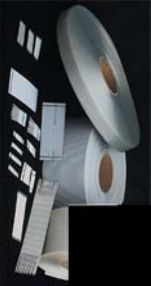


■ USAGE :

STRANDED : Internal wiring of electronic equipment ,such as computers and electronic business machines .Also used in power lines.

JUMPER CABLE

JW2544



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : TOP-COATED

AWG size : 24 AWG
 Number of strands in each conductor : 7/0.203mm
 Lay of strands in each conductor : 0.7 inch at least
 Cross section area : 404 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

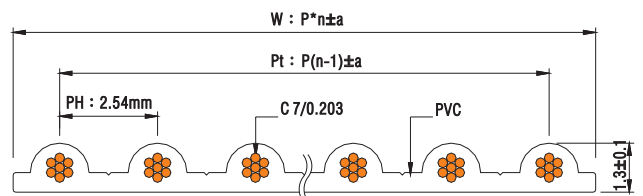
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW2544-8	8	24	7/0.203	1.3	20.32	±0.30
JW2544-9	9	24	7/0.203	1.3	22.86	±0.30
JW2544-10	10	24	7/0.203	1.3	25.40	±0.30
JW2544-12	12	24	7/0.203	1.3	30.48	±0.30
JW2544-14	14	24	7/0.203	1.3	35.56	±0.40
JW2544-16	16	24	7/0.203	1.3	40.64	±0.40
JW2544-18	18	24	7/0.203	1.3	45.72	±0.40
JW2544-20	20	24	7/0.203	1.3	50.80	±0.40
JW2544-22	22	24	7/0.203	1.3	55.88	±0.40
JW2544-24	24	24	7/0.203	1.3	60.96	±0.40
JW2544-26	26	24	7/0.203	1.3	66.04	±0.40
JW2544-28	28	24	7/0.203	1.3	71.12	±0.50
JW2544-30	30	24	7/0.203	1.3	76.20	±0.50
JW2544-32	32	24	7/0.203	1.3	81.28	±0.50
JW2544-34	34	24	7/0.203	1.3	86.36	±0.50
JW2544-36	36	24	7/0.203	1.3	91.44	±0.50
JW2544-38	38	24	7/0.203	1.3	96.52	±0.50
JW2544-40	40	24	7/0.203	1.3	101.6	±0.50

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 93 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 31 pF/m (G-S-G)
 Inductance : 1.45 μH/m
 Characteristic Impedance : 80 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

TOP-COATED : Used for most electronic equipment requiring higher currents such as jumper wires or short-distance connections.

JUMPER CABLE

JW2546



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : TOP-COATED

AWG size : 26 AWG
 Number of strands in each conductor : 7/0.16mm
 Lay of strands in each conductor : 0.6 inch at least
 Cross section area : 253 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

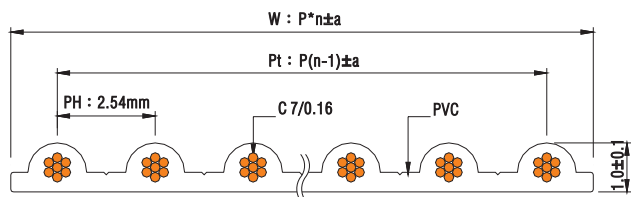
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW2546-2	2	26	7/0.16	1.0	5.08	±0.30
JW2546-3	3	26	7/0.16	1.0	7.62	±0.30
JW2546-4	4	26	7/0.16	1.0	10.16	±0.30
JW2546-5	5	26	7/0.16	1.0	12.70	±0.30
JW2546-6	6	26	7/0.16	1.0	15.24	±0.30
JW2546-7	7	26	7/0.16	1.0	17.78	±0.30
JW2546-8	8	26	7/0.16	1.0	20.32	±0.30
JW2546-9	9	26	7/0.16	1.0	22.86	±0.30
JW2546-10	10	26	7/0.16	1.0	25.40	±0.30
JW2546-12	12	26	7/0.16	1.0	30.48	±0.30
JW2546-14	14	26	7/0.16	1.0	35.56	±0.30
JW2546-16	16	26	7/0.16	1.0	40.64	±0.40
JW2546-18	18	26	7/0.16	1.0	45.72	±0.40
JW2546-20	20	26	7/0.16	1.0	50.80	±0.40
JW2546-22	22	26	7/0.16	1.0	55.88	±0.40
JW2546-24	24	26	7/0.16	1.0	60.96	±0.40
JW2546-30	30	26	7/0.16	1.0	76.20	±0.50
JW2546-40	40	26	7/0.16	1.0	101.60	±0.50
JW2546-42	42	26	7/0.16	1.0	106.68	±0.50

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 148 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 24 pF/m (G-S-G)
 Inductance : 1.4 μH/m
 Characteristic Impedance : 90 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

TOP-COATED : Internal wiring of electronic equipment ,such as computers and electronic business machines .Also used in power lines.

JUMPER CABLE

JW2506



UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

CONDUCTOR : TOP-COATED

AWG size : 26 AWG
 Number of strands in each conductor : 7/0.16mm
 Lay of strands in each conductor : 0.6 inch at least
 Cross section area : 253 mil

INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

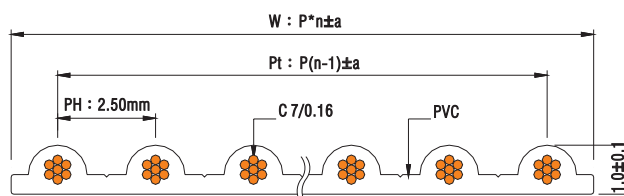
CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW2506-2	2	26	7/0.16	1.0	5.0	± 0.30
JW2506-3	3	26	7/0.16	1.0	7.5	± 0.30
JW2506-4	4	26	7/0.16	1.0	10.0	± 0.30
JW2506-5	5	26	7/0.16	1.0	12.5	± 0.30
JW2506-6	6	26	7/0.16	1.0	15.0	± 0.30
JW2506-7	7	26	7/0.16	1.0	17.5	± 0.30
JW2506-8	8	26	7/0.16	1.0	20.0	± 0.30
JW2506-9	9	26	7/0.16	1.0	22.5	± 0.30
JW2506-10	10	26	7/0.16	1.0	25.0	± 0.30
JW2506-12	12	26	7/0.16	1.0	30.0	± 0.30
JW2506-14	14	26	7/0.16	1.0	35.0	± 0.30
JW2506-16	16	26	7/0.16	1.0	40.0	± 0.40
JW2506-18	18	26	7/0.16	1.0	45.0	± 0.40
JW2506-20	20	26	7/0.16	1.0	50.0	± 0.40
JW2506-22	22	26	7/0.16	1.0	55.0	± 0.40
JW2506-24	24	26	7/0.16	1.0	60.0	± 0.40
JW2506-30	30	26	7/0.16	1.0	75.0	± 0.50

Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 148 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 24 pF/m (G-S-G)
 Inductance : 1.4μH/m
 Characteristic Impedance : 90 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

CONSTRUCTION DRAWING :



USAGE :

TOP-COATED : Internal wiring of electronic equipment ,such as computers and electronic business machines .Also used in power lines.

JUMPER CABLE

JW2026

■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : TOP-COATED

AWG size : 26 AWG
 Number of strands in each conductor : 7/0.16mm
 Lay of strands in each conductor : 0.6 inch at least
 Cross section area : 253 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

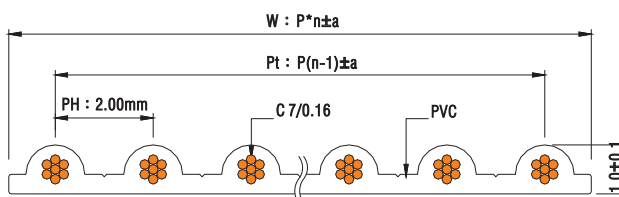
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ±0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW2026-8	8	26	7/0.16	1.0	16	±0.30
JW2026-9	9	26	7/0.16	1.0	18	±0.30
JW2026-10	10	26	7/0.16	1.0	20	±0.30
JW2026-12	12	26	7/0.16	1.0	24	±0.30
JW2026-14	14	26	7/0.16	1.0	28	±0.30
JW2026-15	15	26	7/0.16	1.0	30	±0.30
JW2026-16	16	26	7/0.16	1.0	32	±0.30
JW2026-18	18	26	7/0.16	1.0	36	±0.30
JW2026-20	20	26	7/0.16	1.0	40	±0.40
JW2026-22	22	26	7/0.16	1.0	44	±0.40
JW2026-24	24	26	7/0.16	1.0	48	±0.40
JW2026-26	26	26	7/0.16	1.0	52	±0.40
JW2026-28	28	26	7/0.16	1.0	56	±0.40
JW2026-30	30	26	7/0.16	1.0	60	±0.40
JW2026-32	32	26	7/0.16	1.0	64	±0.40
JW2026-34	34	26	7/0.16	1.0	68	±0.40
JW2026-36	36	26	7/0.16	1.0	72	±0.50
JW2026-38	38	26	7/0.16	1.0	76	±0.50
JW2026-40	40	26	7/0.16	1.0	80	±0.50

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 148 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 35 pF/m (G-S-G)
 Inductance : 1.4 μH/m
 Characteristic Impedance : 90 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

TOP-COATED : Used for most electronic equipment requiring higher currents such as jumper wires or short-distance connections.



JUMPER CABLE

JW1506



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : TOP-COATED

AWG size : 26 AWG
 Number of strands in each conductor : 7/0.16mm
 Lay of strands in each conductor : 0.6 inch at least
 Cross section area : 253 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

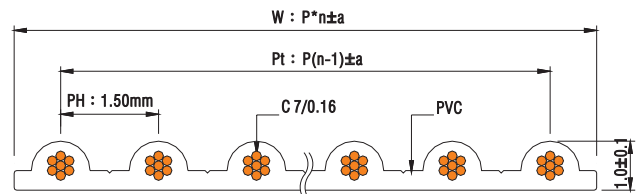
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ±0.1)	Width(mm)	Allowable Error(mm)
		AWG	Composition(solid/mm)			
JW1506-4	4	26	7/0.16	1.0	6.0	±0.30
JW1506-5	5	26	7/0.16	1.0	7.5	±0.30
JW1506-6	6	26	7/0.16	1.0	9.0	±0.30
JW1506-7	7	26	7/0.16	1.0	10.5	±0.30
JW1506-8	8	26	7/0.16	1.0	12.0	±0.30
JW1506-9	9	26	7/0.16	1.0	13.5	±0.30
JW1506-10	10	26	7/0.16	1.0	15.0	±0.30
JW1506-12	12	26	7/0.16	1.0	18.0	±0.30
JW1506-14	14	26	7/0.16	1.0	21.0	±0.30
JW1506-16	16	26	7/0.16	1.0	24.0	±0.30
JW1506-18	18	26	7/0.16	1.0	27.0	±0.30
JW1506-20	20	26	7/0.16	1.0	30.0	±0.30
JW1506-22	22	26	7/0.16	1.0	33.0	±0.30
JW1506-24	24	26	7/0.16	1.0	36.0	±0.30
JW1506-30	30	26	7/0.16	1.0	45.0	±0.30
JW1506-40	40	26	7/0.16	1.0	60.0	±0.40
JW1506-50	50	26	7/0.16	1.0	75.0	±0.40

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 148 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 40 pF/m (G-S-G)
 Inductance : 1.4μH/m
 Characteristic Impedance : 90 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

TOP-COATED : Internal wiring of electronic equipment ,such as computers and electronic business machines .Also used in power lines.

JUMPER CABLE

JW1508

JW1508

■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : TOP-COATED

AWG size : 28 AWG
 Number of strands in each conductor : 7/0.127mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 156 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

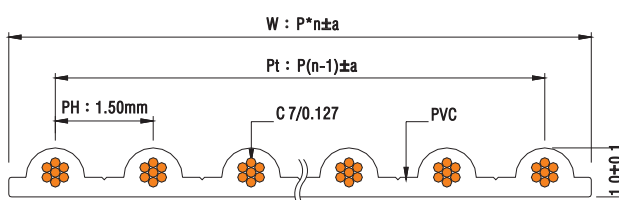
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
JW1508-4	4	28	7/0.127	1.0	6.0	±0.30
JW1508-5	5	28	7/0.127	1.0	7.5	±0.30
JW1508-6	6	28	7/0.127	1.0	9.0	±0.30
JW1508-7	7	28	7/0.127	1.0	10.5	±0.30
JW1508-8	8	28	7/0.127	1.0	12.0	±0.30
JW1508-9	9	28	7/0.127	1.0	13.5	±0.30
JW1508-10	10	28	7/0.127	1.0	15.0	±0.30
JW1508-12	12	28	7/0.127	1.0	18.0	±0.30
JW1508-14	14	28	7/0.127	1.0	21.0	±0.30
JW1508-16	16	28	7/0.127	1.0	24.0	±0.30
JW1508-18	18	28	7/0.127	1.0	27.0	±0.30
JW1508-20	20	28	7/0.127	1.0	30.0	±0.30
JW1508-22	22	28	7/0.127	1.0	33.0	±0.30
JW1508-24	24	28	7/0.127	1.0	36.0	±0.30
JW1508-30	30	28	7/0.127	1.0	45.0	±0.30
JW1508-40	40	28	7/0.127	1.0	60.0	±0.40
JW1508-50	50	28	7/0.127	1.0	75.0	±0.40
JW1508-55	55	28	7/0.127	1.0	82.5	±0.40

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 237 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 50 pF/m (G-S-G)
 Inductance : 1.45 μH/m
 Characteristic Impedance : 100 Ω (G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

TOP-COATED : Used for most electronic equipment requiring higher currents such as jumper wires or short-distance connections.



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JUMPER CABLE

JW1276



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : TOP-COATED

AWG size : 26 AWG
 Number of strands in each conductor : 7/0.16mm
 Lay of strands in each conductor : 0.6 inch at least
 Cross section area : 253 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of origina : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

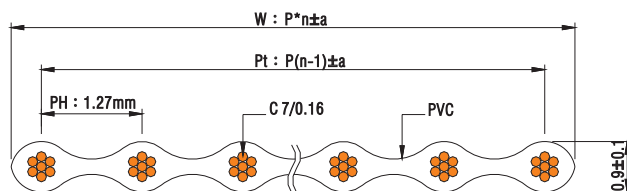
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ±0.1)	Width(mm)	Allowable Error(mm)
		AWG	Composition(solid/mm)			
JW1276-4	4	26	7/0.16	0.9	5.08	±0.30
JW1276-5	5	26	7/0.16	0.9	6.35	±0.30
JW1276-6	6	26	7/0.16	0.9	7.62	±0.30
JW1276-7	7	26	7/0.16	0.9	8.89	±0.30
JW1276-8	8	26	7/0.16	0.9	10.16	±0.30
JW1276-9	9	26	7/0.16	0.9	11.43	±0.30
JW1276-10	10	26	7/0.16	0.9	12.70	±0.30
JW1276-12	12	26	7/0.16	0.9	15.24	±0.30
JW1276-13	13	26	7/0.16	0.9	16.51	±0.30
JW1276-14	14	26	7/0.16	0.9	17.78	±0.30
JW1276-16	16	26	7/0.16	0.9	20.32	±0.30
JW1276-18	18	26	7/0.16	0.9	22.86	±0.30
JW1276-20	20	26	7/0.16	0.9	25.40	±0.30
JW1276-22	22	26	7/0.16	0.9	27.94	±0.30
JW1276-24	24	26	7/0.16	0.9	30.48	±0.30
JW1276-30	30	26	7/0.16	0.9	38.10	±0.30
JW1276-40	40	26	7/0.16	0.9	50.80	±0.40

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 148 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 55 pF/m (G-S-G)
 Inductance : 1.4μH/m
 Characteristic Impedance : 90 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :

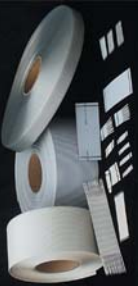


■ USAGE :

TOP-COATED : Internal wiring of electronic equipment ,such as computers and electronic business machines .Also used in power lines.

JUMPER CABLE

JW1278



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : TOP-COATED

AWG size : 28 AWG
 Number of strands in each conductor : 7/0.127mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 156 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

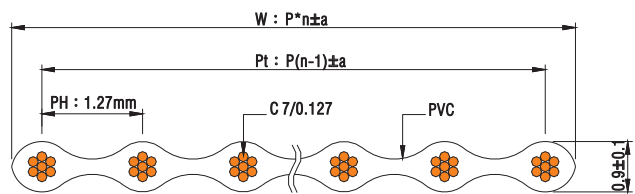
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width(mm)	Allowable Error(mm)
		AWG	Composition (solid/mm)			
JW1278-4	4	28	7/0.127	0.9	5.08	±0.30
JW1278-5	5	28	7/0.127	0.9	6.35	±0.30
JW1278-6	6	28	7/0.127	0.9	7.62	±0.30
JW1278-7	7	28	7/0.127	0.9	8.89	±0.30
JW1278-8	8	28	7/0.127	0.9	10.16	±0.30
JW1278-9	9	28	7/0.127	0.9	11.43	±0.30
JW1278-10	10	28	7/0.127	0.9	12.70	±0.30
JW1278-12	12	28	7/0.127	0.9	15.24	±0.30
JW1278-13	13	28	7/0.127	0.9	16.51	±0.30
JW1278-14	14	28	7/0.127	0.9	17.78	±0.30
JW1278-16	16	28	7/0.127	0.9	20.32	±0.30
JW1278-18	18	28	7/0.127	0.9	22.86	±0.30
JW1278-20	20	28	7/0.127	0.9	25.40	±0.30
JW1278-22	22	28	7/0.127	0.9	27.94	±0.30
JW1278-24	24	28	7/0.127	0.9	30.48	±0.30
JW1278-30	30	28	7/0.127	0.9	38.10	±0.30
JW1278-40	40	28	7/0.127	0.9	50.80	±0.40
JW1278-50	50	28	7/0.127	0.9	63.50	±0.40

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 237 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 60 pF/m (G-S-G)
 Inductance : 1.45 μH/m
 Characteristic Impedance : 100 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

TOP-COATED : Used for most electronic equipment requiring higher currents such as jumper wires or short-distance connections.

FLAT CABLE

FC1276



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : Stranded

AWG size : 26 AWG
 Number of strands in each conductor : 7/0.16mm
 Lay of strands in each conductor : 0.6 inch at least
 Cross section area : 253 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

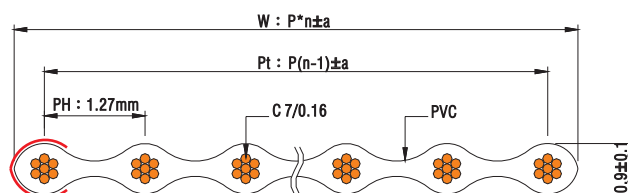
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ±0.1)	Width(mm)	Allowable Error(mm)
		AWG	Composition(solid/mm)			
FC1276-9	9	26	7/0.16	0.9	11.43	±0.30
FC1276-10	10	26	7/0.16	0.9	12.70	±0.30
FC1276-12	12	26	7/0.16	0.9	15.24	±0.30
FC1276-14	14	26	7/0.16	0.9	17.78	±0.30
FC1276-16	16	26	7/0.16	0.9	20.32	±0.30
FC1276-18	18	26	7/0.16	0.9	22.86	±0.30
FC1276-20	20	26	7/0.16	0.9	25.40	±0.30
FC1276-24	24	26	7/0.16	0.9	30.48	±0.30
FC1276-26	26	26	7/0.16	0.9	33.02	±0.30
FC1276-30	30	26	7/0.16	0.9	38.10	±0.30
FC1276-34	34	26	7/0.16	0.9	43.18	±0.30
FC1276-36	36	26	7/0.16	0.9	45.72	±0.40
FC1276-40	40	26	7/0.16	0.9	50.80	±0.40
FC1276-44	44	26	7/0.16	0.9	55.88	±0.40
FC1276-50	50	26	7/0.16	0.9	63.50	±0.40
FC1276-60	60	26	7/0.16	0.9	76.20	±0.40
FC1276-64	64	26	7/0.16	0.9	81.28	±0.40

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 148 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 40 pF/m (G-S-G)
 Inductance : 1.4μH/m
 Characteristic Impedance : 90 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

Internal connection in computers ,duplicators ,fax machines ,electronic games ,interface cards and many other electronic equipment and devices.

FLAT CABLE

FC1278



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : Stranded

AWG size : 28 AWG
 Number of strands in each conductor : 7/0.127mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 156 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

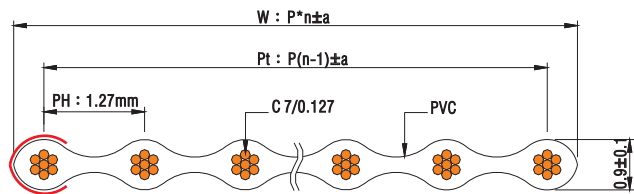
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ±0.1)	Width(mm)	Allowable Error(mm)
		AWG	Composition(solid/mm)			
FC1278-9	9	28	7/0.127	0.9	11.43	±0.30
FC1278-10	10	28	7/0.127	0.9	12.70	±0.30
FC1278-12	12	28	7/0.127	0.9	15.24	±0.30
FC1278-14	14	28	7/0.127	0.9	17.78	±0.30
FC1278-16	16	28	7/0.127	0.9	20.32	±0.30
FC1278-18	18	28	7/0.127	0.9	22.86	±0.30
FC1278-20	20	28	7/0.127	0.9	25.40	±0.30
FC1278-24	24	28	7/0.127	0.9	30.48	±0.30
FC1278-26	26	28	7/0.127	0.9	33.02	±0.30
FC1278-30	30	28	7/0.127	0.9	38.10	±0.30
FC1278-34	34	28	7/0.127	0.9	43.18	±0.30
FC1278-36	36	28	7/0.127	0.9	45.72	±0.40
FC1278-40	40	28	7/0.127	0.9	50.80	±0.40
FC1278-44	44	28	7/0.127	0.9	55.88	±0.40
FC1278-50	50	28	7/0.127	0.9	63.50	±0.40
FC1278-60	60	28	7/0.127	0.9	76.20	±0.40
FC1278-64	64	28	7/0.127	0.9	81.28	±0.40

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 237 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 44 pF/m (G-S-G)
 Inductance : 1.45 μH/m
 Characteristic Impedance : 105 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

Internal connection in computers ,duplicators ,fax machines ,electronic games ,interface cards and many other electronic equipment and devices.

FLAT CABLE SLIT

FCS1278



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : Stranded

AWG size : 28 AWG
 Number of strands in each conductor : 7/0.127mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 156 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

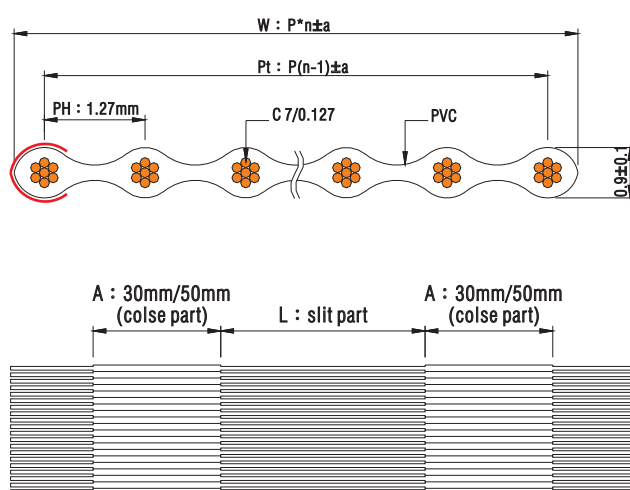
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ±0.1)	Width(mm)	Allowable Error(mm)
		AWG	Composition(solid/mm)			
FCS1278-9	9	28	7/0.127	0.9	11.43	±0.30
FCS1278-10	10	28	7/0.127	0.9	12.70	±0.30
FCS1278-12	12	28	7/0.127	0.9	15.24	±0.30
FCS1278-14	14	28	7/0.127	0.9	17.78	±0.30
FCS1278-16	16	28	7/0.127	0.9	20.32	±0.30
FCS1278-18	18	28	7/0.127	0.9	22.86	±0.30
FCS1278-20	20	28	7/0.127	0.9	25.40	±0.30
FCS1278-24	24	28	7/0.127	0.9	30.48	±0.30
FCS1278-26	26	28	7/0.127	0.9	33.02	±0.30
FCS1278-30	30	28	7/0.127	0.9	38.10	±0.30
FCS1278-34	34	28	7/0.127	0.9	43.18	±0.40
FCS1278-36	36	28	7/0.127	0.9	45.72	±0.40
FCS1278-40	40	28	7/0.127	0.9	50.80	±0.40
FCS1278-44	44	28	7/0.127	0.9	55.88	±0.40
FCS1278-50	50	28	7/0.127	0.9	63.50	±0.40
FCS1278-60	60	28	7/0.127	0.9	76.20	±0.40
FCS1278-64	64	28	7/0.127	0.9	81.28	±0.40

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 237 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 40 pF/m (G-S-G)
 Inductance : 1.45μH/m
 Characteristic Impedance : 100 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



FLAT CABLE COLOR

FCC1278

■ UL & CSA GRADE :

UL STYLE : 20029
 Rate Temperature : 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : Stranded

AWG size : 28 AWG
 Number of strands in each conductor : 7/0.127mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 156 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC) ten colors
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

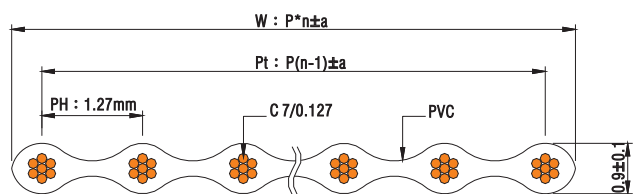
■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 237 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 45 pF/m (G-S-G)
 Inductance : 1.5 μH/m
 Characteristic Impedance : 100 Ω(G-S-G)
 Propagation delay time : 4.2 ns/m

■ CONSTRUCTION DRAWING :



■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
FCC1278-9	9	28	7/0.127	0.9	11.43	± 0.30
FCC1278-10	10	28	7/0.127	0.9	12.70	± 0.30
FCC1278-12	12	28	7/0.127	0.9	15.24	± 0.30
FCC1278-14	14	28	7/0.127	0.9	17.78	± 0.30
FCC1278-16	16	28	7/0.127	0.9	20.32	± 0.30
FCC1278-18	18	28	7/0.127	0.9	22.86	± 0.30
FCC1278-20	20	28	7/0.127	0.9	25.40	± 0.30
FCC1278-24	24	28	7/0.127	0.9	30.48	± 0.30
FCC1278-26	26	28	7/0.127	0.9	33.02	± 0.30
FCC1278-30	30	28	7/0.127	0.9	38.10	± 0.30
FCC1278-34	34	28	7/0.127	0.9	43.18	± 0.40
FCC1278-36	36	28	7/0.127	0.9	45.72	± 0.40
FCC1278-40	40	28	7/0.127	0.9	50.80	± 0.40
FCC1278-44	44	28	7/0.127	0.9	55.88	± 0.40
FCC1278-50	50	28	7/0.127	0.9	63.50	± 0.40
FCC1278-60	60	28	7/0.127	0.9	76.20	± 0.40
FCC1278-64	64	28	7/0.127	0.9	81.28	± 0.40



FLAT CABLE

FC1028



■ UL & CSA GRADE :

UL STYLE : 2651
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 300V
 Flame Test : FT1,FT2

■ CONDUCTOR : Stranded

AWG size : 28 AWG
 Number of strands in each conductor : 7/0.127mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 156 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 9 mil
 Minimum insulation thickness : 7 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

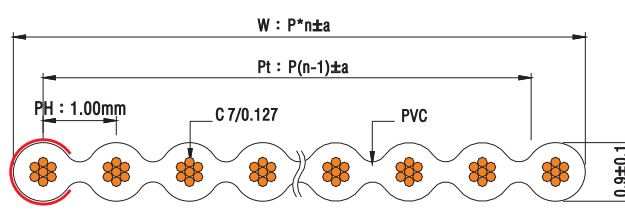
■ CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ±0.1)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)			
FC1028-8	8	28	7/0.127	0.9	8.0	±0.20
FC1028-10	10	28	7/0.127	0.9	10.0	±0.20
FC1028-12	12	28	7/0.127	0.9	12.0	±0.20
FC1028-14	14	28	7/0.127	0.9	14.0	±0.20
FC1028-16	16	28	7/0.127	0.9	16.0	±0.20
FC1028-18	18	28	7/0.127	0.9	18.0	±0.30
FC1028-20	20	28	7/0.127	0.9	20.0	±0.30
FC1028-24	24	28	7/0.127	0.9	24.0	±0.30
FC1028-26	26	28	7/0.127	0.9	26.0	±0.30
FC1028-30	30	28	7/0.127	0.9	30.0	±0.30
FC1028-34	34	28	7/0.127	0.9	34.0	±0.40
FC1028-36	36	28	7/0.127	0.9	36.0	±0.40
FC1028-40	40	28	7/0.127	0.9	40.0	±0.40
FC1028-50	50	28	7/0.127	0.9	50.0	±0.40
FC1028-60	60	28	7/0.127	0.9	60.0	±0.40
FC1028-64	64	28	7/0.127	0.9	64.0	±0.40
FC1028-68	68	28	7/0.127	0.9	68.0	±0.40

■ Electronic Characteristics :

Spark test : 2500V
 Dielectric strength test : Min. 2 KV in 1 minute
 Conductor resistance : Max. 237 Ω/km
 Insulation resistance : Min. 100 MΩ-km
 Capacity : 56 pF/m (G-S-G)
 Inductance : 1.45μH/m
 Characteristic Impedance : 90 Ω(G-S-G)
 Propagation delay time : 4.65 ns/m

■ CONSTRUCTION DRAWING :



■ USAGE :

Internal connection in computers ,duplicators ,fax machines ,electronic games ,interface cards and many other electronic equipment and devices.

FLAT CABLE

FCP6353

FCP6353

■ UL & CSA GRADE :

UL STYLE : 2678
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 150V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 150V
 Flame Test : FT1,FT2

■ CONDUCTOR : Stranded & Solid

AWG size : 30 AWG
 Number of strands in each conductor : 7/0.102mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 98 mil

■ INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 7 mil
 Minimum insulation thickness : 6 mil

■ PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

■ CONSTRUCTION TABLE :

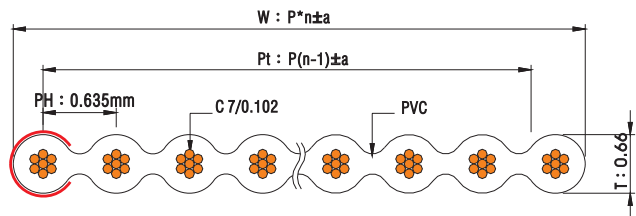
Code No.	Number of Cores	Size of conductor			Thickness (mm ±0.05)	Width(mm)	Allowable Error(mm)
		AWG	Composition(solid/mm)				
			Stranded Conductor	Solid Conductor			
FCP6353-10	10	30	7/0.102	0.254	0.66	6.35(0.25±0.0039)	±0.10
FCP6353-20	20	30	7/0.102	0.254	0.66	12.70(0.5±0.0039)	±0.10
FCP6353-30	30	30	7/0.102	0.254	0.66	19.05(0.75±0.0039)	±0.10
FCP6353-40	40	30	7/0.102	0.254	0.66	25.40(1.0±0.006)	±0.15
FCP6353-50	50	30	7/0.102	0.254	0.66	31.75(1.25±0.006)	±0.15
FCP6353-68	68	30	7/0.102	0.254	0.66	43.18(1.7±0.01)	±0.25
FCP6353-80	80	30	7/0.102	0.254	0.66	50.80(2.0±0.01)	±0.25
FCP6353-100	100	30	7/0.102	0.254	0.66	63.50(2.5±0.01)	±0.25

■ Electronic Characteristics :

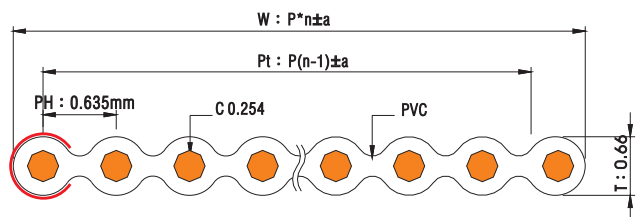
Spark test : 1500V
 Dielectric strength test : Min. 1500V in 1 minute
 Conductor resistance : Max. 377 Ω/km (stra.) 361 Ω/km (solid)
 Insulation resistance : Min. 1 GΩ-m
 Capacity : 75 pF/m 49 pF/m (stra.) 71 pF/m 47 pF/m (solid)
 Inductance : 0.317 μH/FT
 Characteristic Impedance : 72 Ω 113 Ω(stra.) 80 Ω 115 Ω(solid)
 Propagation delay time : 5.4 ns/m(stra.) 5.2 ns/m(solid)

■ CONSTRUCTION DRAWING :

STRANDED



SOLID



CABLES PARTNER... YEH CHI
 www.yehchi.com.tw

FLAT CABLE

FCT6353



UL & CSA GRADE :

UL STYLE : 20674
 Rate Temperature : -40°C to 105°C
 Rate Voltage : 150V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -40°C to 105°C
 Rate Voltage : 150V
 Flame Test : FT1,FT2

CONDUCTOR : Stranded & Solid

AWG size : 30 AWG
 Number of strands in each conductor : 7/0.102mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 98 mil

INSULATION :

Material of insulation : Thermoplastic Elastomer(TPE)
 Insulation thickness average : 7 mil
 Minimum insulation thickness : 6 mil

PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

CONSTRUCTION TABLE :

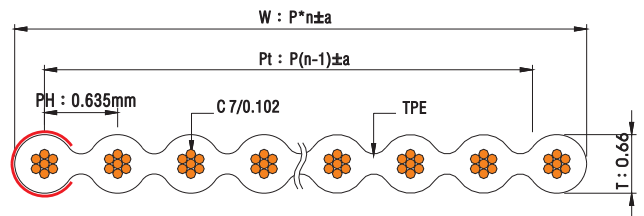
Code No.	Number of Cores	Size of conductor			Thickness (mm ±0.05)	Width (mm)	Allowable Error (mm)
		AWG	Composition (solid/mm)				
			Stranded Conductor	Solid Conductor			
FCT6353-10	10	30	7/0.102	0.254	6.35(0.25±0.0039)	±0.10	
FCT6353-20	20	30	7/0.102	0.254	12.70(0.5±0.0039)	±0.10	
FCT6353-30	30	30	7/0.102	0.254	19.05(0.75±0.0039)	±0.10	
FCT6353-40	40	30	7/0.102	0.254	25.40(1.0±0.006)	±0.15	
FCT6353-50	50	30	7/0.102	0.254	31.75(1.25±0.006)	±0.15	
FCT6353-68	68	30	7/0.102	0.254	43.18(1.7±0.01)	±0.25	
FCT6353-80	80	30	7/0.102	0.254	50.80(2.0±0.01)	±0.25	
FCT6353-100	100	30	7/0.102	0.254	63.50(2.5±0.01)	±0.25	

Electronic Characteristics :

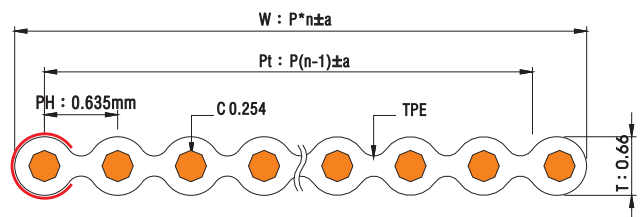
Spark test : 1500V
 Dielectric strength test : Min. 1500V in 1 minute
 Conductor resistance : Max. 377 Ω/km (stra.) 361 Ω/km (solid)
 Insulation resistance : Min. 1 GΩ-m
 Capacity : 52 pF/m 29 pF/m (stra.) 48 pF/m 26 pF/m (solid)
 Inductance : 0.12 μH/FT
 Characteristic Impedance : 82 Ω 122 Ω(stra.) 89 Ω 124 Ω(solid)
 Propagation delay time : 4.72 ns/m(stra.) 4.67 ns/m(solid)

CONSTRUCTION DRAWING :

STRANDED



SOLID



FLAT CABLE SLIT

FCS6353

FCS6353

UL & CSA GRADE :

UL STYLE : 2678
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 150V
 Flame Test : VW-1

CSA Standard : C22.2 No.210.2
 Rate Temperature : -20°C to 105°C
 Rate Voltage : 150V
 Flame Test : FT1,FT2

CONDUCTOR : Stranded & Solid

AWG size : 30 AWG
 Number of strands in each conductor : 7/0.102mm
 Lay of strands in each conductor : 0.5 inch at least
 Cross section area : 98 mil

INSULATION :

Material of insulation : polyvinyl chloride(PVC)
 Insulation thickness average : 7 mil
 Minimum insulation thickness : 6 mil

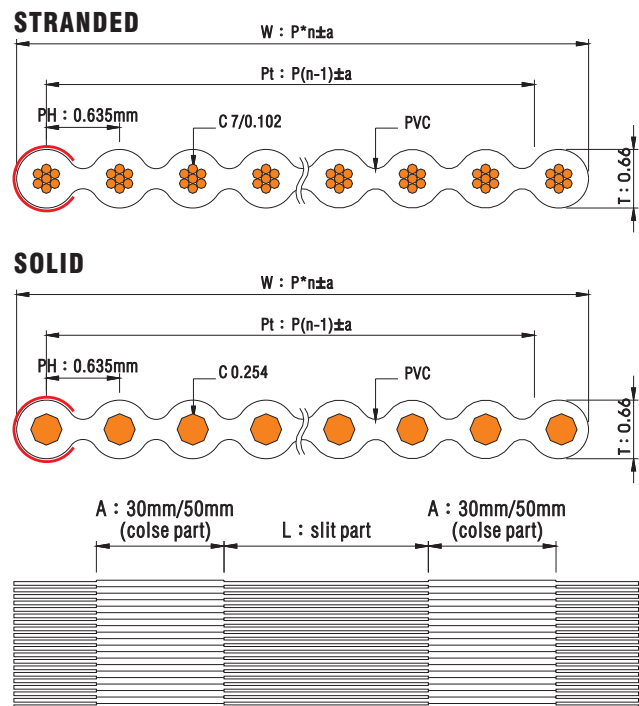
PHYSICAL PROPERTIES :

After 7 days air oven at 136°C
 Average tensile strength : 1500 lbs/inch²
 Percent of original : 70% at least
 Average elongation : 200%
 Percent of original : 65% at least

Electronic Characteristics :

Spark test : 1500V
 Dielectric strength test : Min. 1500V in 1 minute
 Conductor resistance : Max. 377 Ω/km (stra.)
 Insulation resistance : Min. 100MΩ/km
 Capacity : 80 pF/m
 Inductance : 1.0 μH/m(stra.) 2.0 μH/m(solid)
 Characteristic Impedance : 105 Ω
 Propagation delay time : 5.6 ns/m

CONSTRUCTION DRAWING :



CONSTRUCTION TABLE :

Code No.	Number of Cores	Size of conductor		Thickness (mm ± 0.05)	Width (mm)	Allowable Error (mm)	
		AWG	Composition (solid/mm)				
			Stranded Conductor				Solid Conductor
FCS6353-10	10	30	7/0.102	0.254	6.35	±0.10	
FCS6353-20	20	30	7/0.102	0.254	12.70	±0.10	
FCS6353-30	30	30	7/0.102	0.254	19.05	±0.10	
FCS6353-34	34	30	7/0.102	0.254	21.59	±0.15	
FCS6353-40	40	30	7/0.102	0.254	25.40	±0.15	
FCS6353-44	44	30	7/0.102	0.254	27.94	±0.15	
FCS6353-50	50	30	7/0.102	0.254	31.75	±0.25	
FCS6353-60	60	30	7/0.102	0.254	38.10	±0.25	
FCS6353-68	68	30	7/0.102	0.254	43.18	±0.25	
FCS6353-80	80	30	7/0.102	0.254	50.80	±0.25	

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NO-PITCH COLOR WIRE

NPFC

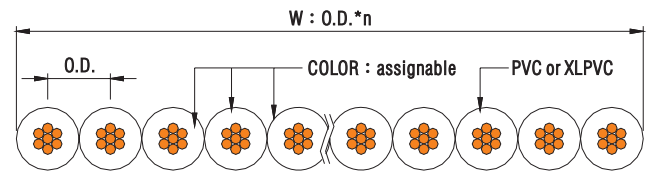
Product Description :

1. UL style : 1007、1015、1095、1061、1571、1429、1430、1431.....。
2. We can made 2~24 pin no-pitch PVC & XL-PVC wire。

USAGE :

Internal connection in computers ,duplicators ,fax machines ,electronic games ,interface cards and many other electronic equipment and devices.

CONSTRUCTION DRAWING :



CONSTRUCTION TABLE :

UL STYLE	額定 RANGE		Size of conductor			Size of Insulation		MAX. Conductor resistance(M Ω /km)	Permitable Current(A)
	溫度°C	電壓V	AWG	構成 (solid/mm)	O.D.(mm)	Thickness (mm)	O.D.(mm)		
1007	UL80°C CSA90°C	300V	30	7/0.102	0.32	0.38	1.10	397.0	2.0
			28	7/0.127	0.38	0.38	1.20	248.0	2.5
			26	7/0.160	0.48	0.38	1.30	152.0	3.5
			24	11/0.160	0.64	0.38	1.45	88.6	5.0
			22	17/0.160	0.78	0.38	1.60	62.5	7.0
			20	21/0.180	0.95	0.38	1.85	39.5	9.0
			18	34/0.180	1.21	0.38	2.10	24.4	13.0
			16	26/0.254	1.50	0.38	2.40	15.6	17.0
1015	105°C	600V	26	7/0.160	0.48	0.76	2.00	152.0	3.5
			24	11/0.160	0.64	0.76	2.10	88.6	5.5
			22	17/0.160	0.78	0.76	2.25	62.5	7.5
			20	21/0.180	0.95	0.76	2.45	39.5	10.0
			18	34/0.180	1.21	0.76	2.70	24.4	14.0
			16	26/0.254	1.50	0.76	3.00	15.6	18.0
1061	80°C	300V	28	7/0.127	0.38	0.23	0.90	248.0	
			26	7/0.160	0.48	0.23	1.00	152.0	
			24	11/0.160	0.64	0.23	1.15	88.6	
			22	17/0.160	0.78	0.23	1.30	62.5	
			20	21/0.180	0.95	0.23	1.50	39.5	
			18	34/0.180	1.21	0.23	1.70	24.4	
1095	80°C	300V	30	7/0.100	0.30	0.30	0.95	397.0	
			28	7/0.127	0.38	0.30	1.05	248.0	
			26	7/0.160	0.48	0.30	1.15	152.0	
			24	11/0.160	0.64	0.30	1.30	88.6	
			22	17/0.160	0.78	0.30	1.45	62.5	
			20	21/0.180	0.95	0.30	1.65	39.5	
			18	34/0.180	1.21	0.30	1.90	24.4	
1571	80°C	30V	32	7/0.080	0.24	0.20	0.65	703.0	
			30	7/0.102	0.32	0.20	0.70	397.0	
			28	7/0.127	0.38	0.20	0.80	248.0	
1430	105°C	300V	26	7/0.160	0.48	0.41	1.32	45.20	MΩ /kft
			24	11/0.160	0.64	0.41	1.40	29.30	
			22	17/0.160	0.78	0.41	1.55	16.70	
			20	21/0.180	0.95	0.41	1.76	10.50	
			18	34/0.180	1.21	0.41	2.10	6.64	
			16	26/0.255	1.5	0.41	2.40	4.18	

FLEXIBLE FLAT CABLE

FFC

UL GRADE :

UL 20624	60V 80°C
UL 20706	60V 105°C
UL 2643	300V 105°C

CONDUCTOR : TIN & NI & GOLD

Conductor Size (mm)(Ct*Cw)	Conductor Resist. (Ω /m)	Conductor Size (mm)(Ct*Cw)	Conductor Resist. (Ω /m)
0.1*1.27	0.10	0.05*0.3	1.28
0.1*0.8	0.26	0.035*0.8	1.18
0.1*0.7	0.33	0.035*0.7	0.94
0.05*0.8	0.52	0.035*0.65	0.96
0.05*0.7	0.60	0.035*0.6	1.20
0.05*0.65	0.70	0.035*0.3	1.82
0.05*0.32	1.40		

INSULATION :

Insulation : Polyester (PET) Film + Polyester (PET) Adhesive
Supporting tape : Polyester (PET) Film + Polyester (PET) Adhesive

PITCH & FLEXIBLE :

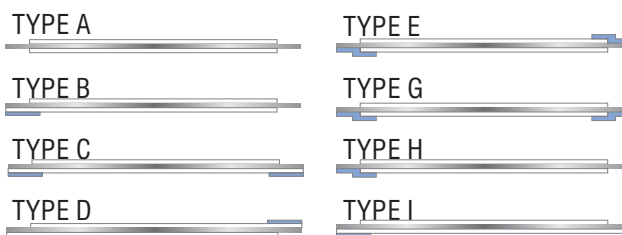
PITCH(mm)	0.5	1.0	1.25	2.54
Conductor	0.035*0.3	0.05*0.6	0.05*0.8	0.1*1.27

Super Flexible	Ct=0.035	t=0.15
Flexible	Ct=0.05	t=0.17
Low Flexible	Ct=0.1	t=0.20

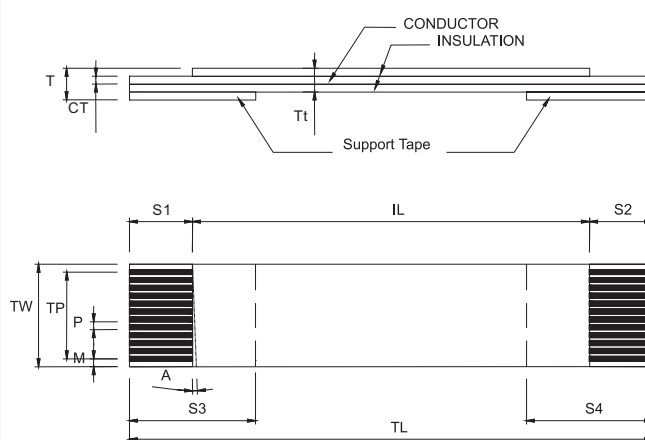
CONSTRUCTION TABLE :

ITEM	CODE	RANGE	TOLERANCE
導體中心間距 Pitch	P	0.5、1.0、1.25、2.54mm	P0.5 0.05 P1.0 0.10 P1.25 0.10 P2.54 0.20
導體數 Pin	NC	6~110	---
總長度	TL	IL+S1+S2	1(30-100) 3(101-300) ±5(301-600) ±8(601-∞)
絕緣長度	IL	25 ~ ∞	
總寬度	TW	P*(NC+1)	P0.5 0.08 P1.0 0.15
導體總寬度	TP	P*(NC-1)	P1.25 0.20 P2.54 0.20
排線邊緣寬度	M	(TW-TP)/2	0.10
剝線長度	S1 / S2	2.0~5.0	0.50
補強板長度	S3 / S4	4.0~15.0	1.00
切口斜度	A	0	0.50 MAX
導體寬度	CW	0.3~1.27mm	0.03
導體厚度	CT	0.035、0.05、0.1mm	0.01
排線厚度	Tt	0.15、0.17、0.22mm	0.02
排線貼補強板厚度	T	0.32、0.33、0.38mm	0.05

STANDARD TYPE :



CONSTRUCTION DRAWING :



USAGE :

FFC can be used in all different kinds of applications, presently TFT LCD monitor/TV/PC, notebook, printer, scanner, tablet PC, DVD-ROM, Mobil Phone, GPS etc, are mostly applied.



FFC MANUFACTURE

STANDARD | ASSEMBLY



A TYPE



B TYPE



C TYPE



D TYPE



FFC254 + HOUSING



FFC254 + HOUSING + MALE PIN



FFC254 + MALE PIN



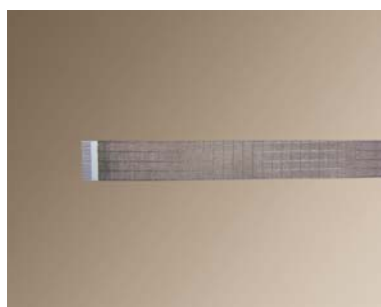
FFC + 印字



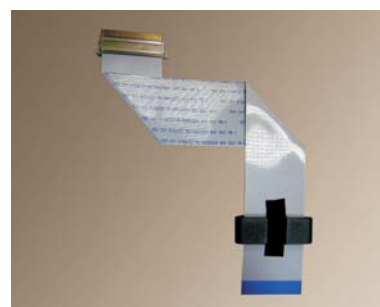
FFC + 折線



FFC + 雙面膠



FFC + 導電布



FFC + 鐵粉芯



FFC + 導電布 + 鋁箔 + CONNECTOR



客製化產品請來電洽詢

CABLE ASSEMBLY

Flat Cable



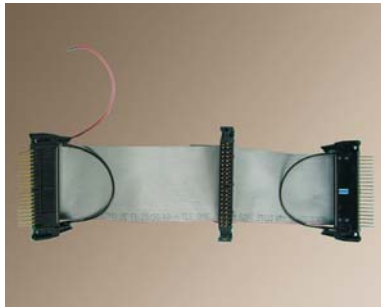
FC1278+CARD EDGE+IDC+熱縮套管



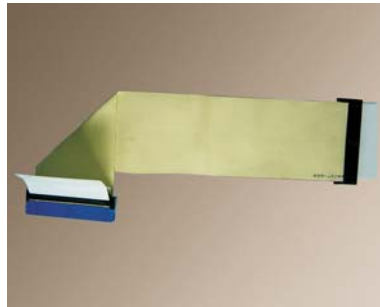
FC1278+IDC+DB9+鐵片



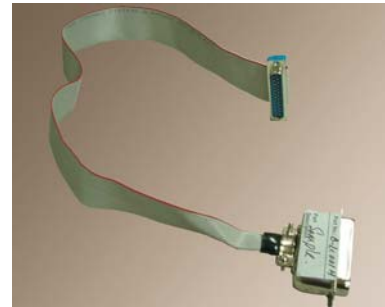
UL2674+IDC+拉帶



FC1278+IDC+SHROUNDED HEAD



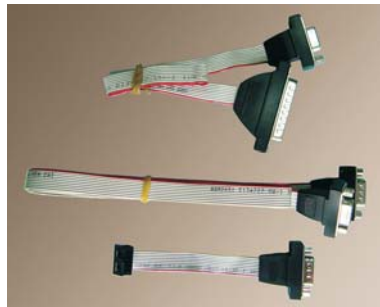
FCT6353+IDC+拉帶



FC1278+IDC+DB27



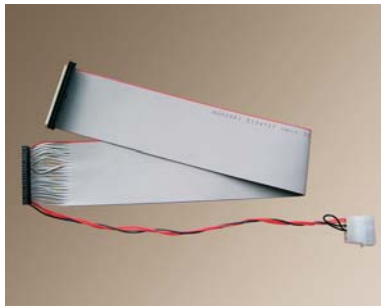
FC1278/FC1028+IDC+分條+束帶



FC1278+IDC+DB9/15/27/35



FC1278+IDC+DIP



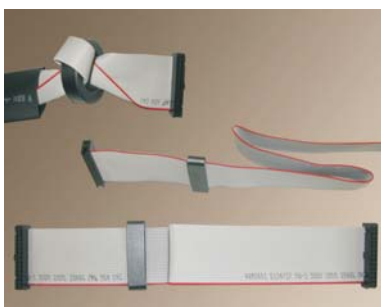
FC1278+HOUSING+IDC+大4P



FC1278+IDC+IDC



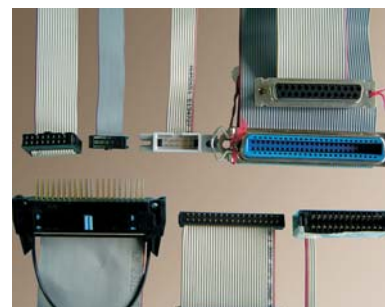
FC1278+HOUSING+DB25



EMI防干擾遮蔽處理



EMI防干擾遮蔽處理



IDC & DIP & DB & BH & CE & ...

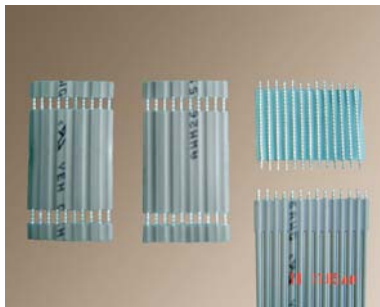


CABLE ASSEMBLY

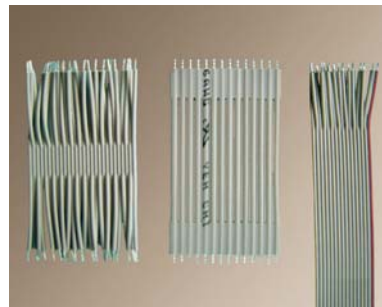
JUMPER CABLE | NPFC



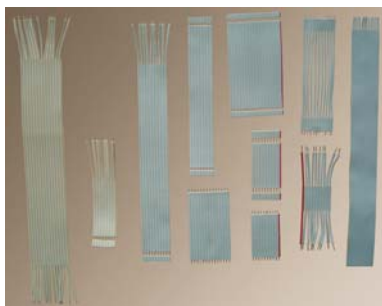
FULL STRIPPED



SEMI STRIPPED , FULL STRIPPED



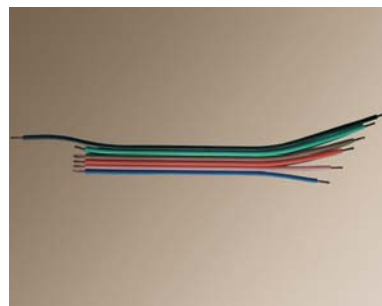
FULL STRIPPED , BRANCH



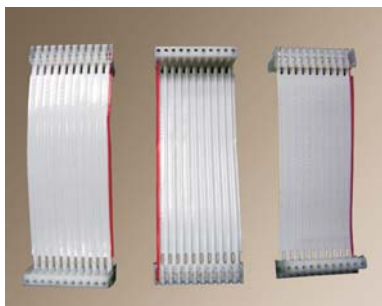
JW SERIES MANUFACTURE



NPFC SERIES MANUFACTURE



NPFC SERIES MANUFACTURE



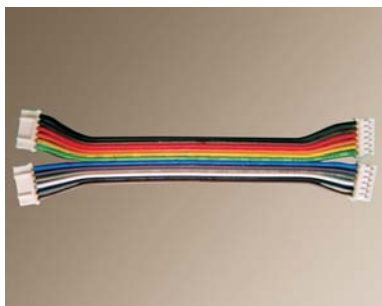
JW SERIES WIREHARNESS



JW SERIES WIREHARNESS



JW1278 + HOUSING + HOUSING



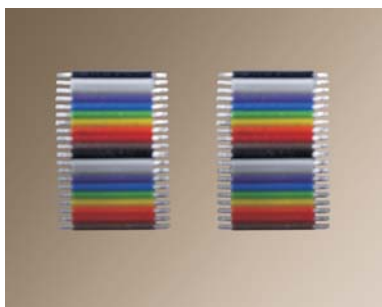
NPFC + HOUSING



NPFC + FULL STRIPPED + HOUSING



FC1278 + IDC + HOUSING



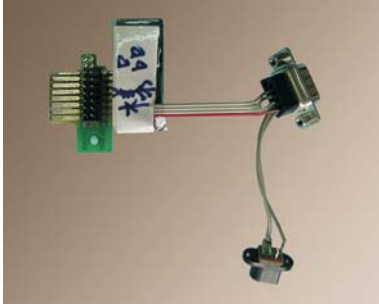
NPFC + FULL STRIPPED



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WIRE HARNESS

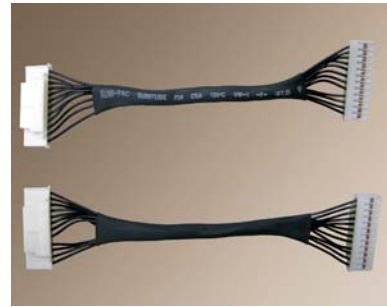
NPFC | WIRE | CABLE



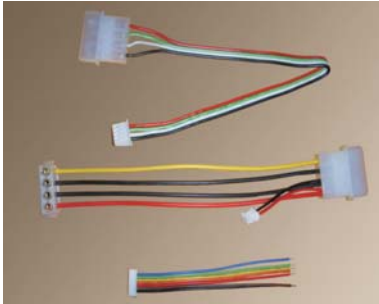
UL2651+DB9+DC JACK+HOUSING



UL1007+HOUSING+開關



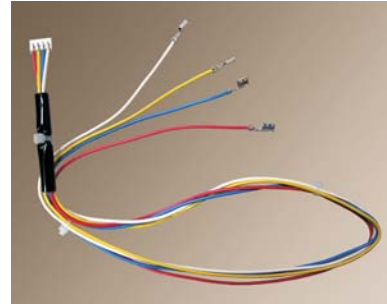
UL1007+HOUSING+熱縮套管



UL1007+大四P+HOUSING



SATA



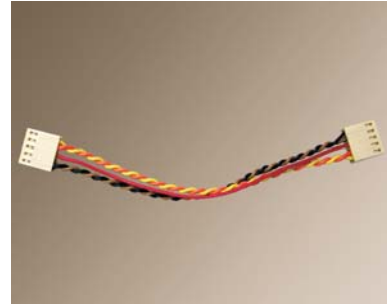
UL1007+HOUSING+母端+膠管



UL1007+馬達+HOUSING



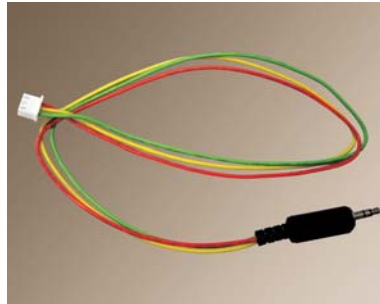
NPFC+HOUSING



UL1007+HOUSING+捲線



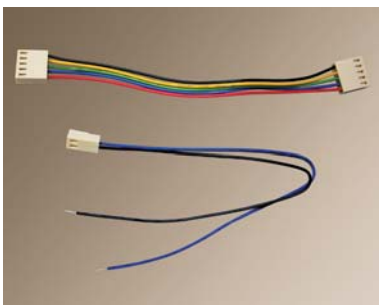
UL1095+LED



UL1007+HOUSING+STEREO PLUG



NPFC+CAT5e+PLUG+HOUSING



UL1007+HOUSING



UL1007+HOUSING+DCJACK+套管



客製化產品請來電洽詢



CABLE ASSEMBLY

COMPUTER & CONTROL CABLE



UL2464+IDC



UI2464+HOUSING+喇叭



UL2464+IDC+標籤



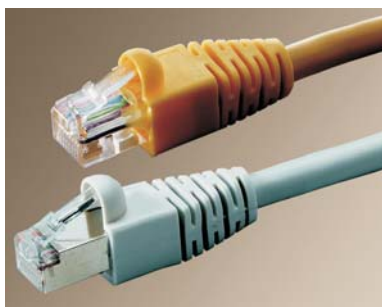
UL2651+IDC+編織網+熱縮套管



UL2464+IDC+DB37



UL2725+DBM



Cat5e. FTP & UTP+PLUG



UL2725+USB



STEREO AUDIO WIRE



UL2464+D-SUB



UL2725+USB+HOUSING



UL2464+D-SUB+HOUSING+鐵片



UL2725+MINI DIN+HOUSING



UL2651+膠套+隔離網+拉帶+IDC



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F A X : 886-2-22477780
統一編號 : 15972164
W E B : <http://www.yehchi.com.tw>
EMAIL : yeh_chi@ispeed.com.tw

服務項目

- 各式併排線製造
FLEXIBLE FLAT CABLE : PITCH : 0.5 , 1.0 , 1.25 , 2.54
JUMPER CABLE : PITCH : 3.96 , 2.54 , 2.50 , 2.00 , 1.50 , 1.27
FLAT CABLE : PITCH : 1.27 , 1.00 , 0.635
NO-PITCH COLOR WIRE : 1007, 1015, 1061, 1095, 1571, 1430
- 連接線OEM/ODM成品組裝加工
FFC生產組裝
板對板跳線(JUMPER CABLE)各式成品加工
電腦線、連接線(FLAT CABLE)各式成品設計、組裝
電子線、連接線(ROUND CABLE)各式成品設計、組裝
WIRE HARNESS
裁切、剝線、沖孔、端子、連接器、EMI... 各種加工方式



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服務項目

- 軟性排線貼合機(Flexible Flat Cable machine)設計製造
- 排線、跳線加工機(Flat Cable machine)設計製造
- 排線組裝手工工具(Flat Cable Assembly Hand Tool)設計製造
- 彩虹併線加工機(No Pitch Color Wire machine)設計製造