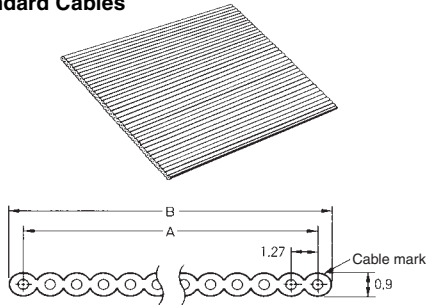


# XY3A Flat Cable (UL-approved Wires)

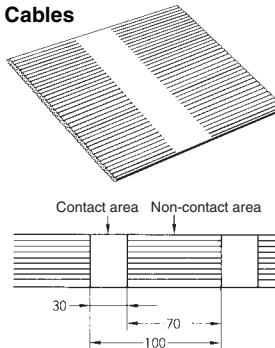
## ■ Dimensions

(Unit: mm)

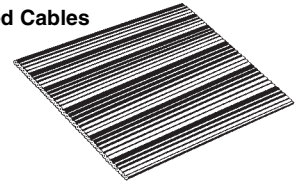
**XY3A-□□01**  
Standard Cables



**XY3A-□□02**  
Folding Cables



**XY3A-□□03**  
Color-coded Cables



Core No.	Insulation color	Core No.	Insulation color
1	Brown	6	Blue
2	Red	7	Purple
3	Orange	8	Gray
4	Yellow	9	White
5	Green	10	Black

**Note:** The colors above repeat again from 11 cores.

## ■ Ordering Information (Order in 1-roll (61.0 m) units)

No. of cores	Standard Cable	Folding Cable (See note.)	Color-coded Cable	Dimensions (mm)		Applicable Connector		
				A	B	MIL	IDC Plug	PCB
10	XY3A-1001	XY3A-1002	XY3A-1003	11.4	12.7	XG4M-10□□	XG4E-10□□	XG2A-100□
14	XY3A-1401	XY3A-1402	XY3A-1403	16.5	17.8	XG4M-1430	XG4E-143□	XG2A-140□
16	XY3A-1601	XY3A-1602	XY3A-1603	19.1	20.3	XG4M-1630	XG4E-163□	XG2A-160□
20	XY3A-2001	XY3A-2002	XY3A-2003	24.1	25.4	XG4M-2030	XG4E-203□	XG2A-200□
26	XY3A-2601	XY3A-2602	XY3A-2603	31.8	33.0	XG4M-2630	XG4E-263□	XG2A-260□
30	XY3A-3001	XY3A-3002	XY3A-3003	36.8	38.1	XG4M-3030	XG4E-303□	XG2A-300□
34	XY3A-3401	XY3A-3402	XY3A-3403	41.9	43.2	XG4M-3430	XG4E-343□	XG2A-340□
40	XY3A-4001	XY3A-4002	XY3A-4003	49.5	50.8	XG4M-4030	XG4E-403□	XG2A-400□
50	XY3A-5001	XY3A-5002	XY3A-5003	62.2	63.5	XG4M-50□□	XG4E-50□□	XG2A-500□
60	XY3A-6001	XY3A-6002	XY3A-6003	74.9	76.2	XG4M-60□□	XG4E-60□□	XG2A-600□
64	XY3A-6401	XY3A-6402	XY3A-6403	80.0	81.3	XG4M-64□□	XG4E-64□□	XG2A-640□

**Note:** Dimensions A and B are for the contact area of folding flat cable.

## ■ Ratings and Characteristics

Classification	XY3A-□□01 Standard Cables	XY3A-□□02 Folding Cables	XY3A-□□03 Color-coded Cables
UL file No.	UL2651	UL20012	U:20028
Max. operating voltage	300 V	150 V	150 V
Max. operating temperature	105°C	80°C	105°C
Max. conductor resistance	224 Ω/km (at 20°C)		
Dielectric strength	2,000 VAC, 50/60 Hz for 1 min		
Min. insulation resistance	5 kΩ·km (at 20°C)		

## ■ Materials

Conductor	AWG28 (7/0,127), tin plated, soft copper wire
Insulation	Heat-resistant vinyl