

Products

High density (0.635mm pitch) Eco-OKIFLEX (UL2734)

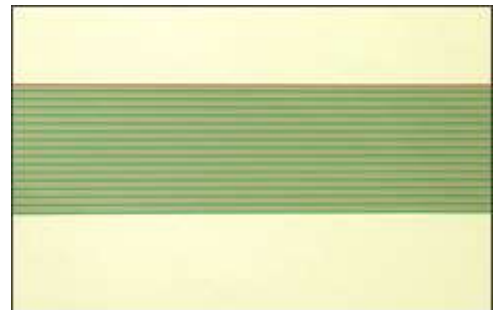
UL STYLE NO.2734 80degrees 30V

This is an environmentally friendly non-halogen insulation type cable called Eco-OKIFLEX.

This high density type cable facilitates miniaturization of equipment.

Features

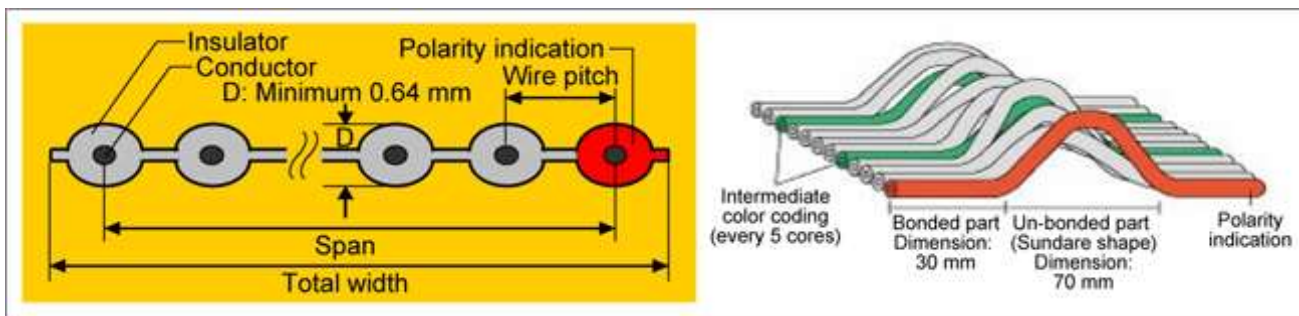
- Due to the use of our unique technology, this cable has the same flexibility and electrical characteristics as those of conventional cables, despite the use of non-PCV/non-halogen resin for the insulation material.
- This product is environmentally friendly. It also conforms to the RoHS regulations (which limit the use of specific substances contained in electrical and electronic equipment).
- In order to meet the demands for miniaturization of equipment, this cable uses AWG30 (7/0.1mm) tin-plated copper wires, and the pitch of this flat cable (0.635mm) is one half of that of the conventional value of 1.27mm.
- The cable can be easily pressure-welded to a high density IDC connector (1.27 mm pitch), reducing the necessary mounting space and also permitting multiple connections.
- Like the conventional OKIFLEX series cables, the new cable is available as a bridge type or a sudare type.



Applications

Ideal for connecting equipment such as computers, peripheral equipment, communication equipment, and office equipment and also for internal fixed wiring.

Shape



Characteristics

Conductor resistance Ω/km (20degrees)	358 max	Characteristic impedance Ω	Standard 76
Insulation resistance MΩ-km (20degrees)	1 min	Propagation delay ns/m	Standard 5.0
Withstand voltage Vrms/min	1500	Near-end crosstalk %	Standard 4.0
Capacitance pF/m	Standard 80	Flame retardant characteristics	VW-1

Item name, classification, and color of core wire

Item name	Classification	Color of core wire
FLEX-BN ()-7/0.1 2734P	Bridge type	Red - Gray-Gray - Gray - Green - Gray ... 1st core wire =Red, 5nth core wire =Green,Others=Gray
FLEX-SN ()-7/0.1 2734P	Sudare type	Red - Gray - Gray - Gray - Green - Gray ... 1st core wire =Red, 5nth core wire =Green,Others=Gray

Type configuration table

Number of cores wires	Conductor	Insulator	Span mm	Total Width mm	Wire pitch mm	Standard length
20	AWG30 (7/0.1)	Flame retardant polyolefin	12.1	12.7	0.635	1reel 61m (200feet)
24			14.6	15.2		
30			18.4	19.1		
40			24.8	25.4		
50			31.1	31.8		
60			37.5	38.1		
80			50.2	50.8		
100			62.9	63.5		

