

## Products

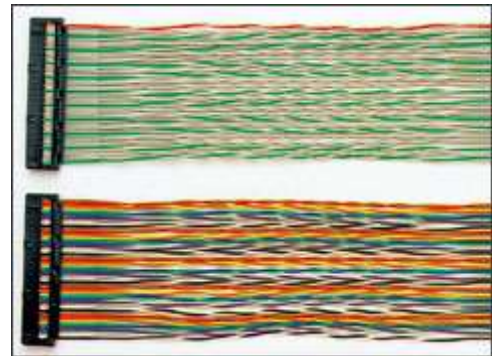
### Twisted pair type OKIFLEX (UL20591)

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UL STYLE No.20591 80degrees 150V

#### Features

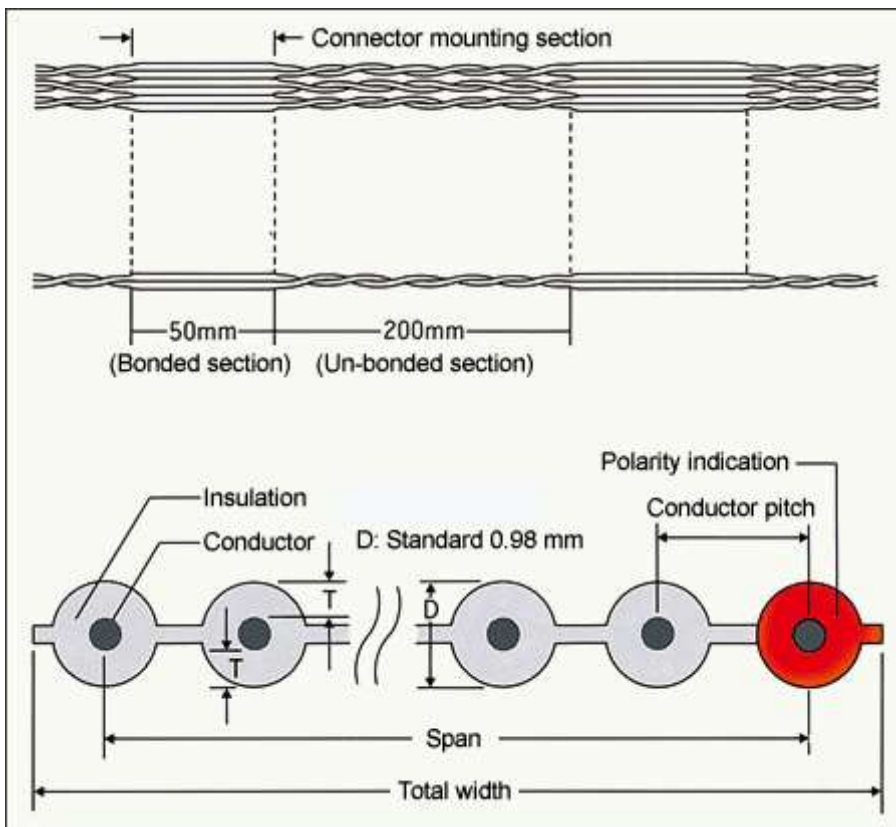
- This cable is of a twisted pair construction consisting of 2-core wires twisted about each other.
- The continuous construction consists of bonded (flat) and un-bonded (twisted pair) sections, making this cable suitable for fixed wiring in which it is rounded or bended.
- This product is environmentally friendly. The insulation does not contain specific bromide fire retardants (PBDE, PBB) or heavy metals such as Pb, Cr6+, Cd or Hg. In addition, the cable conforms to the RoHS standard (which restricts the use of specific toxic substances contained in electrical and electronic equipment).



#### Applications

Optimum for internal fixed wiring of computers, peripheral equipment, communication equipment, office equipment, and so on.

#### Shape



**Characteristics**

<b>Conductor resistance <math>\Omega</math>/km (20degrees)</b>	222 or less	<b>Characteristic impedance*1 <math>\Omega</math></b>	Approx. 140
<b>Insulation resistance M<math>\Omega</math>-km (20degrees)</b>	100 or more	<b>Propagation delay*1 ns/m</b>	Approx. 5.0
<b>Withstand voltage Vrms/min</b>	1500	<b>Near-end crosstalk*1 %</b>	Approx. 4.8
<b>Capacitance*1 pF/m</b>	Approx. 44	<b>Flame resistance characteristics</b>	VW-1

\*1 :The values for the measured conductor are according to the GSG mode.

**Item name and core colors**

<b>TPFLEX-N ( )P-7/0.127-250</b>	Red - Gray - Gray - Gray - Green ... core 1 = Red, Core 5nth core wire = Green, Other cores = Gray
<b>TPFLEX-N4 ( )P-7/0.127-250</b>	Brown - Red - Orange - Yellow - Green - Blue - Purple - Gray - White - Black ... (Repeated hereafter.)

\*2 :Enter the number of pairs according to the type configuration table below in ([1]).

**Type configuration table**

<b>Number of pairs (number of cores)</b>	<b>Conductor</b>	<b>Insulation</b>	<b>Span mm</b>	<b>Total width mm</b>	<b>Conductor pitch mm</b>	<b>Standard length</b>
5(10)	7/0.127 (AWG28)	Elastic PVC	11.43	12.7	1.27	30.5m/reel (100feet)

<b>Number of pairs (number of cores)</b>	<b>Conductor</b>	<b>Insulation</b>	<b>Span mm</b>	<b>Total width mm</b>	<b>Conductor pitch mm</b>	<b>Standard length</b>
8(16)			19.05	20.3		
10(20)			24.13	25.4		
13(26)			31.75	33.0		
15(30)			36.83	38.1		
17(34)			41.91	43.2		
20(40)			49.53	50.8		
25(50)			62.23	63.5		
30(60)			74.93	76.2		
32(64)			80.01	81.3		

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