Twisted-pair-type OKIFLEX

UL STYLE NO. 20591 80°C 150V

■Features

● This model offers excellent noise tolerance and crosstalk properties, making it ideal for the wiring of high-speed signal circuits.
● This model can be batch connected using a U contact, offering excellent workability and error free wiring.
● This product is environment-responsive. This product is RoHS compliant.

■Applications

OKIFLEX is ideal for the internal wiring of computers, terminal equipment, communication instrument, controllers, office equipment, etc.

■SPECIFICATIONS

Conductor resistance Ω/km (20°C)	222 or less
Insulation resistance MΩ-km (20°C)	100 or more
Dielectric Strength V/min	1500
Capacitance pF/m	Standard 44
Characteristic impedance (Ω)	Standard 140
Propagation delay ns/m	Standard 5.0
Near-end crosstalk %	Standard 4.8

Note) (1) The measurement methods for capacitance, characteristic impedance, propagation delay and near-end crosstalk are based on the GSG mode.

■Product name/Type/Color scheme for core wires

TPFLEX-N( )P-7/0.127-250 20591
Red-Gray-Gray-Gray-Green...No.1 core wire = Red, No. 5n core wire = Green, Others = Gray
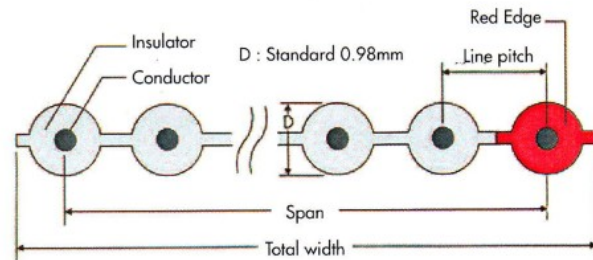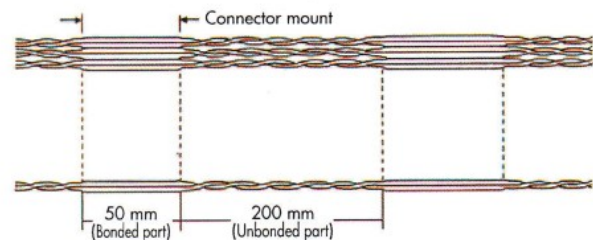and repeated thereafter

TPFLEX-N4( )P-7/0.127-250 20591
Brown-Red-Orange-Yellow-Green-Blue-Purple-Gray-White-Black
and repeated thereafter

Note) In the brackets of the above product names, enter the number of pairs from the Specification list.

■Shape

Connector mount

50 mm (Bonded part)   200 mm (Unbonded part)

Insulator
Conductor
D : Standard 0.98mm
Red Edge
Line pitch
D
Span
Total width

6

■Specification list

Number of pairs	Number of cores	Conductor (pcs/mm)	InsulatorSpan (mm)	Span (mm)	Total width (mm)	Line pitch (mm)	Packaging unit
5	10			11.43	12.7	1.27	
8	16			19.05	20.3	1.27	
10	20			24.13	25.4	1.27	
13	26			31.75	33.0	1.27	
15	30	7/0.127 (AWG28)	Flexible polyvinyl chloride	36.83	38.1	1.27	30.5 m (100 ft.) per reel
17	34			41.91	43.2	1.27	
20	40			49.53	50.8	1.27	
25	50			62.23	63.5	1.27	
30	60			74.93	76.2	1.27	
32	64			80.01	81.3	1.27	