



DATA SHEET	2170144
UNITRONIC® LAN STP/S PiMF FLEX 500 MHz CAT.6e 4x2xAWG26/7 (flexible for Patch Cables)	valid from: 22.01.2007

Application

UNITRONIC® LAN STP/S PiMF FLEX 500 MHz CAT.6e 4x2xAWG26/7 is a flexible pair twisted (TP) **CATEGORY 6e High Speed Data Transmission Cable with PVC** outer sheath for application in the working area. It is used harnessed as **Patch Cable**.

Pair screening ensure a good data transmission. The cable is suitable for electromagnetic loaded areas.

TPDDI = **TWISTED PAIR DISTRIBUTED DATA INTERFACE**

CDDI = **COPPER DISTRIBUTED DATA INTERFACE**

Design

Conductor	Stranded bare copper wires AWG26 (0,14 mm ²)	
Core insulation	Cellular PE (Polyethylene)	
Stranding	Cores to pairs, pairs to cable core	
Colour code	Pair 1	white - blue
	Pair 2	white - orange
	Pair 3	white - green
	Pair 4	white - brown
Screening	Pair screening by Aluminium laminated plastic foil (STP/S PiMF) Overall screening by tinned copper braiding (STP/S PiMF)	
Outer sheath	PVC, flame retardant according to IEC 60332-1, grey RAL 7035	
Outer diameter	approx. 6,5 mm	

Marking on outer sheath:

LAPP KABEL STUTTGART **UNITRONIC® LAN STP/S PiMF FLEX 500 MHz CAT.6e**
4x2xAWG26/7 ROHS ART. 2170144

Electrical properties at 20°C

DC resistance (loop)		max.Ω/km	266
Mutual capacitance	at 800 Hz	nF/km	approx. 50
Impedance	at 1 -100 MHz	Ω	100 ± 15
Operating voltage (not for power purposes)		peak V	125
Test voltage	1 min	V	1000

