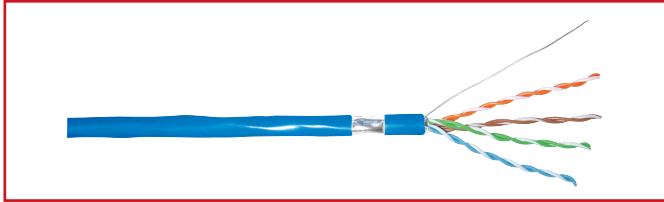


DATA SHEET: HSEKF424P1 F/UTP CAT.5e 4x2xAWG24/1 PVC BLUE



APPLICATION

- Cable for horizontal (primary)- and vertical (secondary)- cabling
- Installation cable for indoor use in structured cabling systems.
- Suitable for all applications Class D like:
 - ISDN
 - Ethernet 10 BaseT
 - Fast Ethernet 100 BaseTX
 - Gigabit Ethernet 1000 BaseT
 - Token Ring 4/16 Mbit/s
 - ATM 155 Mbit/s
 - VoIP (Voice over IP)
 - PoE (Power over Ethernet)

STANDARDS

- ISO/IEC 11801 (2002)
- EN 50173 (2002)

CHARACTERISTICS

Insulated Conductors:	8 conductors, twisted in 4 pairs
Basic Conductor:	Solid copper wire 0,52 mm, AWG24/1
Drain Wire:	0,16 mm, AWG26/7
Insulation:	PE, Diameter 1,05 mm (Nom.)
Overall Shield:	Al-Foil
Outer Jacket:	PVC
Outer Diameter:	5,2 mm
Colour:	Blue
Colours of conductors:	Pair 1 Blue – White/Blue Pair 2 Orange – White/Orange Pair 3 Green – White/Green Pair 4 Brown – White/Brown

■ TECHNICAL DATA

Operating temperature range:	-20°C - +70°C
Installation temperature range:	+0°C - +50°C
Minimum Bending Radius – Permanent:	≥ 30 mm
Minimum Bending Radius – Installation:	≥ 50 mm
Pulling Force:	max. 100 N
Total Weight:	38 kg/km
Voltage Rating:	max. 125 Vdc
DC Resistance:	max. 94 Ohm/km
Velocity of Propagation NVP:	0.75 c (Richtwert)
Characteristic Impedance:	100 ± 15 Ohm (1-100 MHz)

■ RoHS

- Conforms to EU Directive 2002/95/EC (RoHS)

■ PACKAGING

- 305m Cable on plastic-drum. Drum inside a box.
- Box: 330x340x250mm

TYPE	COPPERWEIGHT (kg/km)	ORDER NUMBER
F/UTP Cable 4x2xAWG24/1 Cat.5e PVC blue	17	HSEKF424P1