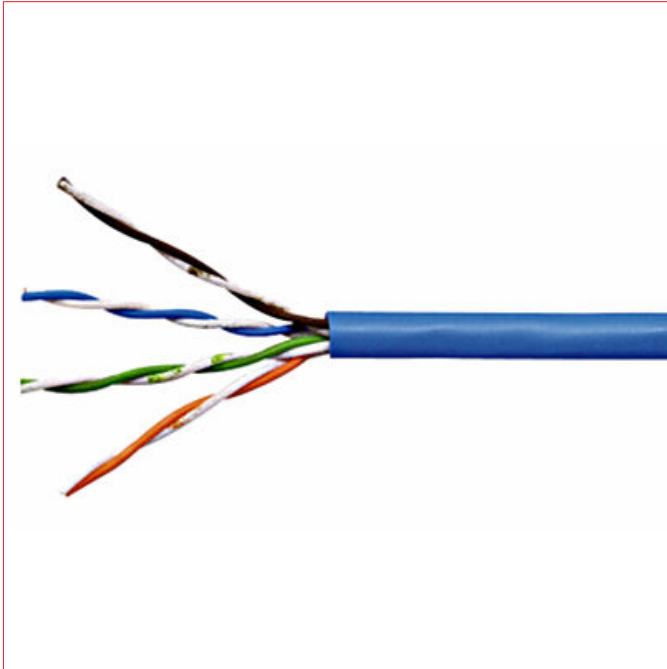


Data Sheet for Article: HSEKU424PB

# U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue, Drum



## SCHRACK-Info

- Horizontal (primary) and vertical (secondary) cabling
- Installation cables for use in structured generic cabling
- Ideal for all Class D applications such as:
  - Phone
  - 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)
- EN 50288-3-1 (2nd Edition)

U/UTP

Cat. 5e

PVC

E<sub>ca</sub>

## Technical Data

Category	Cat.5e
Cable shielding	U/UTP
Conductor	4 unshielded pairs
Conductor material	Solid bare copper AWG24/1
Color code pairs	Pair 1 White / Blue Pair 2 White / Orange Pair 3 White / Green Pair 4 White / Brown
Insulation material	High density polyethylene (HDPE)
Nominal diameter over insulation (mm)	0,9
Shielding	unshielded
Coat thickness (mm)	0,5
Cable jacket	PVC
Euroclass acc. to EN50575	Eca
Outside diameter (mm)	5,2
Net diameter (mm)	5,20
Net weight (kg)	0,03
Weight nominal (kg/km)	30
Colour	Blue
Length/Put-ups	500m - drum
Min. ambient temperature (°C)	-10
Max. ambient temperature (°C)	60
Temperature range - Operation (°C)	-10 to +60
Temperature range - Transport/storage (°C)	-20 to +60
Temperature range - Installation (°C)	+0 to +50
Bending radii cable - Static (Ø)	4
Bending radii cable - Dynamic (Ø)	8
Max. pulling tension (N)	90
Rated voltage	< 60V DC and < 42V AC
DC resistance at 20° C (Ohm/100m)	9,38
Impedance (Ohm)	100 ± 15Ω (1-125MHz)
Mutual capacitance (nF/km)	56
RoHS	Compliant with EU directive 2002/95/EC
Packing size (mm)	350 x 350 x 210
SKEW (ns/100m)	45
NVP (%)	69
Net length (mm)	1.000,00
Put-ups	Drum 500m

## ELECTRICAL CHARACTERISTICS AT 20°C

Frequency	1	4	8	10	16	20	25	31,25	62,5	100	125	MHz
Attenuation	-	4,1	5,8	6,5	8,2	9,3	10,4	11,7	17	22	25	dB/100m
NEXT	65	56	51	50	47	45	44	42	38	35	34	dB/100m
PS NEXT	62	53	48	47	44	42	41	39	35	32	31	dB/100m

## Article Table

DESCRIPTION	NVP (%)	COPPER WEIGHT (kg/km)	Order No.
U/UTP Cable Cat.5e, 4x2xAWG24/1, PVC, Eca, blue, Drum	69	15	HSEKU424PB
<b>Optional Accessories</b>			
TOOLLESS LINE Jack RJ45 unshielded, Cat.5e (SFA)			HSEMRJ5UWS
Cable dispenser for 250kg Load for drums up to 52cm width			HTOOL00006
Back to back cable tie black 16mm x 4m			Q7KB0416-S
Back to back cable tie blue 16mm x 4m			Q7KB0416-B
Back to back cable tie red 16mm x 4m			Q7KB0416-R
Back to back cable tie yellow 16mm x 4m			Q7KB0416-Y
Back to back cable tie green 16mm x 4m			Q7KB0416-U