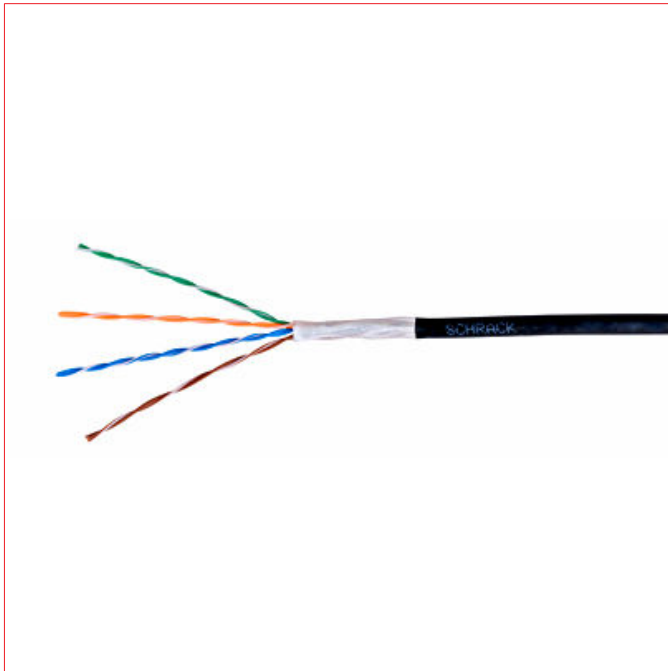


Data Sheet for Article: HSEKU424E3

# U/UTP Cable Cat.5e, 4x2xAWG24/1, PE, OUTDOOR, black, Box



## 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)	0,91
Shielding	unshielded
Coat thickness (mm)	0,45
Cable jacket	PE (Outdoor)
Outside diameter (mm)	5,1
Net diameter (mm)	5,10

## Technical Data - continued

Net weight (kg)	0,03
Weight nominal (kg/km)	30
Colour	Black
Length/Put-ups	305m - Box
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
SKEW (ns/100m)	45
NVP (%)	69
Net length (mm)	1.000,00
Put-ups	Box 305m

## 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, PE, OUTDOOR, black, Box	69	15	HSEKU424E3
<b>Optional Accessories</b>			
TOOLLESS LINE Jack RJ45 unshielded, Cat.5e (SFA)			HSEMRJ5UWS
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