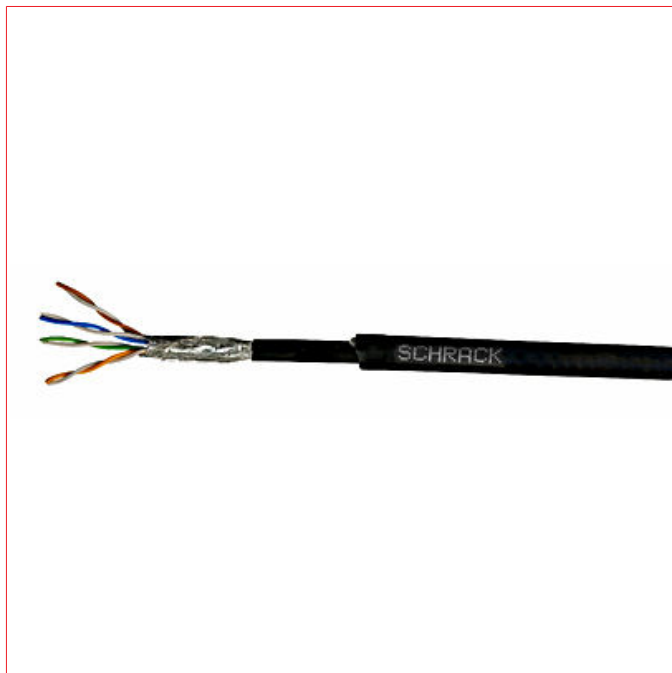


Tehnički list za artikl: HCKP08-04E

S/FTP kabel Cat.7, 4x2xAWG23/1, 800MHz, PE, vanj., crni

za rezanje



SCHRACK-Info

The FutureCom™ S/FTP 800/23 outdoor cable with diffusion barrier is designed for applications up to 800 MHz and its transmission characteristics exceed Category 7 specifications according to EN 50288-4-1 and IEC 61156-5.

High system margins for the complete link according to ISO/IEC 11801 (2002) and EN 50173-1 (2003) will be achieved by using corresponding hardware together with this high-end copper cable.

Due to very low delay skew between the pairs these FutureCom cables are especially suitable for Gigabit Ethernet and also for transmission of digital data for future applications up to 10 Gigabit Ethernet according to IEEE 802.3an.

Each pair is individually foil shielded. The strained pairs (PiMF) are also sheathed with a braid shield (S/FTP), which guarantees outstanding shielding characteristics. The cable satisfies Class B interference radiation standards according to EN 55022, as well as immunity according to EN 55024, which enables the realization of CE-compatible networks.

FEATURES

- S/FTP 800/23 outdoor cable specified up to 800 MHz
- Outstanding electrical characteristics
- Each twisted pair is shielded with metal foil (PiMF)
- Full copper braid shield
- Includes a diffusion barrier (Aluminum band and PE sheath, UV resistant)
- Low skew between the pairs

- Halogen-free (LSZH)
- Non-corrosive according to IEC 60754-2 (FRNC) and EN 50267
- Low smoke according to IEC 61034 and EN 50268
- Can be directly buried



Tehnički podaci

Kategorija	Cat.7
Kabelski oklop	S/FTP
Izvedba vodiča	4 individual shielded pairs
Materijal vodiča	Puna bakrena žica, AWG23/1 (0,58mm)
Cod boje	Par 1 bijela/plava Par 2 bijela/narančasta Par 3 bijela/zelena Par 4 bijela/smeđa
Izolacija žile	Bezhalogeni Foam/Skin materijal
Izolacijski materijal	Polietilen (PE)
Oklop	Oklopljen
Zaslon	Al - kaširana poliesterska folija, metalna strana izvana (PiMf)
Zaslon	Pocinčane CU-žice
Vanjski omotač kabela	PE (vanjski)
Gorivost (kJ/m)	2980
Vanjski promjer (mm)	11,7
Nominalna težina (kg/km)	126
Boja	crna
Min. temperatura okoline (°C)	-40
Maks. temperatura okoline (°C)	60
Temperaturno područje - Pogon (°C)	-40 do +60
Temperaturno područje - Instalacija (°C)	+0 do +50
Radijus savijanja kabela - statički (Ø)	3
Radijus savijanja kabela - dinamički (Ø)	6
Maksimalna vlačna sila (N)	367
Nazivni napon	< 72V DC i < 50V AC
Istosmjerni otpor pri 20° C (Ohm/100m)	125 ± 20%
Otpor (Ohm)	100
Izolacijski otpor	> 5000MΩ/km
Kašnjenje uklopa (ns/m)	4
Proizvodni kapacitet (nF/km)	43
RoHS	U skladu s EU direktivom 2002/95/EC
Razlika otpora (%)	1
Signal propagation time (ns/m)	4,2
Otpor spojnice	10mΩ/m pri 10MHz
Coupling damping typical (dB)	88

Tehnički podaci - nastavak

Lokacija / područje	Na otvorenom prostoru, izravno uzemljenje
Blokada difuzije	Ja
NVP (%)	79
Neto duljina (mm)	1.000,00
Neto masa (kg)	0,13
Neto promjer (mm)	11,70

STANDARD: IEC 61156-5

Frekvencija	1	10	16	20	31,25	62,5	100	300	600	800	MHz
Prigušenje	2,1	5,8	7,3	8,2	10,3	14,6	18,5	32,7	47,1	-	dB/100m
NEXT	78	78	78	78	78	75,5	72,4	65,2	60,7	-	dB/100m
PS NEXT	75	75	75	75	75	72,5	69,4	62,2	57,7	-	dB/100m
ACR-F	78	74	69,9	68	64,1	58,1	54	44,5	38,4	-	dB/100m
PS ACR-F	75	71	66,9	65	61,1	55,1	51	41,5	35,4	-	dB/100m
ACR-N	75,9	72,2	70,7	69,8	67,7	60,9	53,9	16,8	13,6	-	dB/100m

TIPIČNE VRIJEDNOSTI

Frekvencija	1	10	16	20	31,25	62,5	100	300	600	800	MHz
Prigušenje	1,7	5	6,5	7,3	9,2	13,2	16,9	30,7	44	53	dB/100m
NEXT	>100	>100	>100	>100	>100	>100	99	95	91	87	dB/100m
PS NEXT	98	98	98	98	98	98	97	93	89	85	dB/100m
ACR-F	93	93	93	93	90	86	83	68	51	-	dB/100m
PS ACR-F	91	91	91	91	88	84	81	66	49	-	dB/100m
ACR-N	98,3	95	93,5	92,7	90,8	86,8	82,1	64,3	47	34	dB/100m

Tipične vrijednosti su samo za informaciju.

Tabela artikla

OPIS	NVP (%)	MASA BAKRA (kg/km)	KAT. BROJ
S/FTP kabel Cat.7, 4x2xAWG23/1, 800MHz, PE, vanj., crni za rezanje	79	33	HCKP08-04E
Dodatni pribor			
PERFORMANCE LINE RJ45 modul oklopljen, cat.6a 10GB 4PPoE 100W (SFB)			HSPMRJ6G1A
PERFORMANCE LINE RJ45 modul oklopljen, klase Ea 10GB PoE+ (SFB)			HSPMRJ6G1T
TOOLLESS LINE modul RJ45 oklop., cat.6a 10GB, 4PPoE 100W SFA (SFA)			HSEMRJ6GWA
TOOLLESS LINE modul RJ45 oklop., kl. Ea 10GB, 4PPoE 100W SFA (SFA)			HSEMRJ6GWT
Čičak vezica crna 16mm x 4m			Q7KB0416-S
Čičak vezica plava 16mm x 4m			Q7KB0416-B
Čičak vezica crvena 16mm x 4m			Q7KB0416-R
Čičak vezica žuta 16mm x 4m			Q7KB0416-Y
Čičak vezica zelena 16mm x 4m			Q7KB0416-U