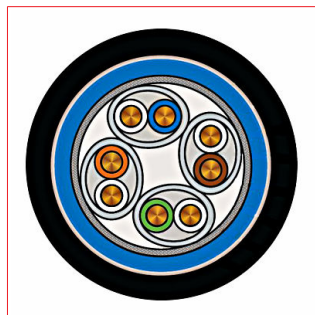
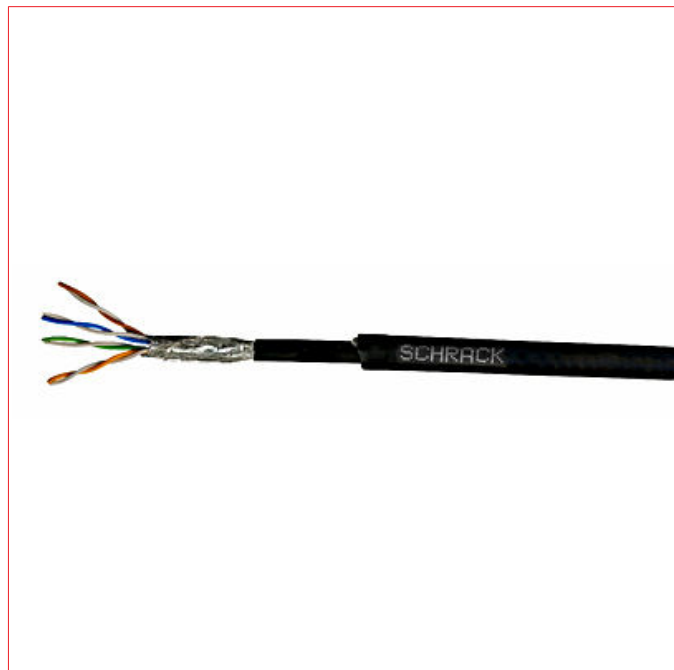


Podatkovni list izdelka: HCKP08-04E

S/FTP kabel, kat.7, 4x2xAWG23/1, 800Mhz, PE, zunanji, črn



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 cable 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 guaranteed 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



Tehnični podatki

Kategorija	Cat.7
Kabelski oklop	S/FTP
Sestava vodnika	4 posamezne oklopljene parice
Vodnik	Baker AWG23/1 (0.58mm)
Barvno kodiranje paric	Parica 1 bela/modra Parica 2 bela/oranžna Parica 3 bela/zelena Parica 4 bela / rjava
Izolacija žice	Brez halogena
Izolacijski material	Polietilen (PE)
Oklop	Oklopljen
Oklop paric	Laminiran poliester iz aluminija, aluminij zunaj (PiMF)
Celotni oklop	Baker
Kabelski plašč	PE (zunanj)
Burning load (kJ/m)	2980
Zunanji premer (mm)	11,7
Nominalna teža (kg/km)	126
Barva	črna
Najnižja temperatura okolice (°C)	-40
Najvišja temperatura okolice (°C)	60
Temperaturno območje - delovanje (°C)	-40 do +60
Temperaturno območje - montaža (°C)	+0 do +50
Polmer upogibanja kabla - statično (Ø)	3
Polmer upogibanja kabla - dinamično (Ø)	6
Največja napetost vlečenja (N)	367
Nazivna napetost	< 72V DC in < 50V AC
DC resistance at 20° C (Ohm/100m)	125 ± 20%
Impedanca (Ohm)	100
Izolacijska upornost	> 5000MΩ/km
Propagation delay (ns/m)	4
Mutual capacitance (nF/km)	43
RoHS	V skladu z EU direktivo 2002/95/EC
Razlika upornosti (%)	1
Trajanje signala (ns/m)	4,2
Coupling Resistance	10mΩ/m pri 10MHz
Coupling damping typical (dB)	88
Področje uporabe	Zunaj, za na tla
Diffusion barrier	da

Tehnični podatki - Nadaljevanje

NVP (%)	79
Neto dolžina (mm)	1.000,00
Neto teža (kg)	0,13
Neto premer (mm)	11,70

REFERENCE STANDARD: IEC 61156-5

Frequency	1	10	16	20	31,25	62,5	100	300	600	800	MHz
Attenuation	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

TYPICAL VALUES

Frequency	1	10	16	20	31,25	62,5	100	300	600	800	MHz
Attenuation	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

Typical values are for information only.

Tabela izdelkov

Opis	NVP (%)	Teža bakra (kg/km)	Šifra
S/FTP kabel, kat.7, 4x2xAWG23/1, 800Mhz, PE, zunanji, črn	79	33	HCKP08-04E
Dodatna oprema			
PERFORMANCE LINE modul RJ45 oklopljen kat.6a 10GB PoE+ (SFB)			HSPMRJ6G1A
PERFORMANCE LINE modul RJ45 oklopljen razred Ea 10GB PoE+ (SFB)			HSPMRJ6G1T
Modul, RJ45, TOOLLESS LINE, oklop., kat.6a 10GB 4PPoE (100W) AMD2			HSEMRJ6GWA
Modul, RJ45, TOOLLESS LINE, oklopljen, razred Ea 10GB 4PPoE 100 W (SFA)			HSEMRJ6GWT
Trak za spajanje kablov v snope na ježka, črn, 16mm x 4m			Q7KB0416-S
Trak za spajanje kablov v snope na ježka, moder, 16mm x 4m			Q7KB0416-B
Trak za spajanje kablov v snope na ježka, rdeč, 16mm x 4m			Q7KB0416-R
Trak za spajanje kablov v snope na ježka, rumen, 16mm x 4m			Q7KB0416-Y
Trak za spajanje kablov v snope na ježka, zelen, 16mm x 4m			Q7KB0416-U