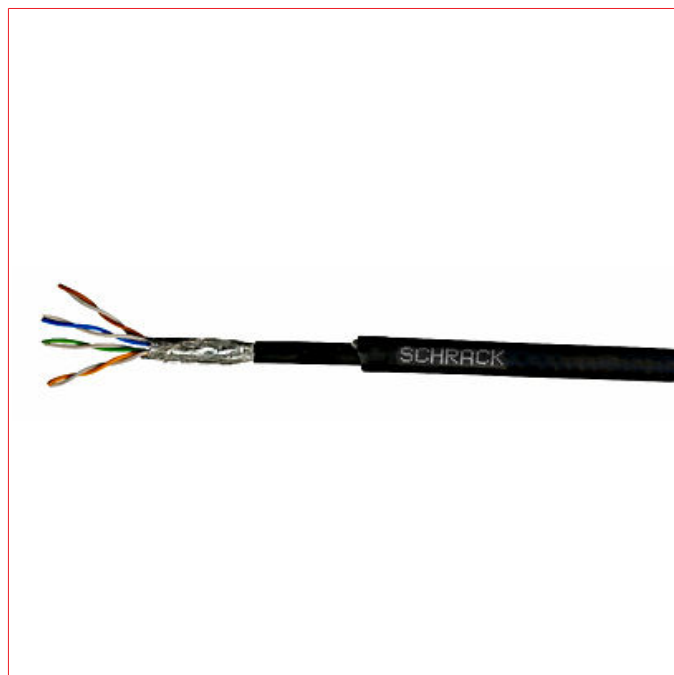


Tehničke karakteristike artikla: HCKP08-04E

S/FTP kabl Cat.7, 4x2xAWG23, 800MHz, PE, spoljni, 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
Oklop kabla	S/FTP
Provodnik	4 individualno oklopljena para
Materijal provodnika	Bakar AWG23/1 (0.58mm)
Kod boja	Par 1 Bela / Plava Par 2 Bela / Narandžasta Par 3 Bela / Zelena Par 4 Bela / Braon
Izolacija žice	Halogen-free pena/materijal
Materijal izolacije	Polietilen (PE)
Oklop	oklopljen
Folija	Laminirani aluminijumski poliester, aluminijum okrenut ka spolja (PiMF)
Overall Shield	Pun bakar
Spoljni omotač kabla	PE (spoljni)
Gorivost (kJ/m)	2980
Spoljni prečnik (mm)	11,7
Nominalna težina (kg/km)	126
Opis boje	crno
Min. temperatura okoline (°C)	-40
Maks. temperatura okoline (°C)	60
Temperaturni okvir - Operativni (°C)	-40 do +60
Temperaturni okvir - instalacije (°C)	+0 do +50
Radius savijanja kabla - statični (Ø)	3
Radius savijanja kabla - Dinamični (Ø)	6
Max. tenzija pri izvlačenju (N)	367
Nazivni napon	< 72V DC i < 50V AC
DC otpor na 20° C (Ohm/100m)	125 ± 20%
Otpor (Ohm)	100
Otpornost izolacije	> 5000MΩ/km
Propagation delay (ns/m)	4
Radni kapacitet (nF/km)	43
RoHS	U saglasnosti sa EU direktivom 2002/95/EC
Razlika otpora (%)	1
Vreme signala (ns/m)	4,2
Otpornost spojeva	10mΩ/m @ 10MHz
Coupling damping typical (dB)	88

Tehnički podaci - nastavak

Lokacija/teritorija	Spoljni, na zemlji
Difuziona barijera	Da
NVP (%)	79
Neto dužina (mm)	1.000,00
Neto težina (kg)	0,13
Neto prečnik (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 kabl Cat.7, 4x2xAWG23, 800MHz, PE, spoljni, crni za rezanje	79	33	HCKP08-04E
Dodatni pribor			
PERFORMANCE LINE-RJ45 modul, Cat.6a 10Gb STP, 4PPoE 100W, (SFB) (SFB)			HSPMRJ6G1A
PERFORMANCE LINE-RJ45 modul, Class.Ea 10Gb STP, PoE+, (SFB) (SFB)			HSPMRJ6G1T
TOOLLESS LINE-RJ45 Modul, Cat.6a 10Gbit, STP (SFA), Ed.2.2 (SFA)			HSEMRJ6GWA
TOOLLESS LINE-RJ45 Modul, Cat.6a 10Gbit, STP (SFA) (SFA)			HSEMRJ6GWT
Kablovska čičak traka 16mm x 4m, back to back, crna			Q7KB0416-S
Kablovska čičak traka 16mm x 4m, back to back, plava			Q7KB0416-B
Kablovska čičak traka 16mm x 4m, back to back, crvena			Q7KB0416-R
Kablovska čičak traka 16mm x 4m, back to back, žuta			Q7KB0416-Y
Kablovska čičak traka 16mm x 4m, back to back, zelena			Q7KB0416-U