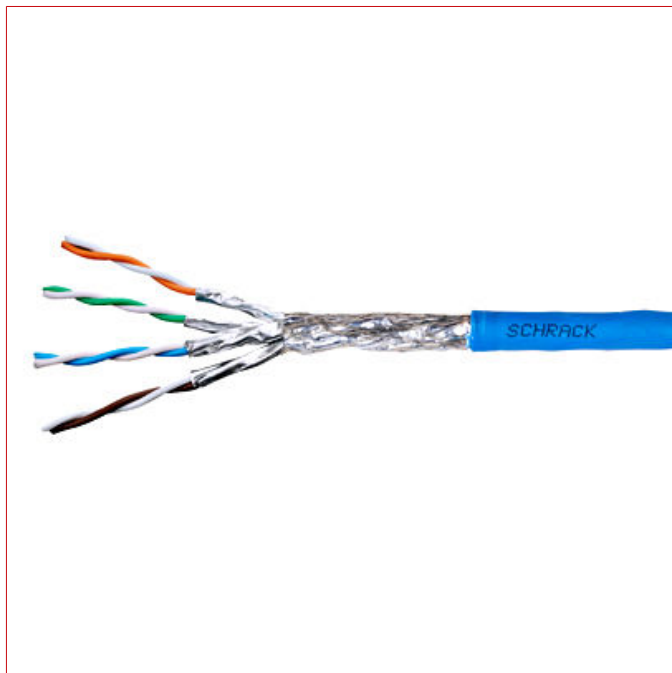


Tehničke karakteristike artikla: HSKP422HA5

# Kabl Cat.7A S/FTP, 1200Mhz, LSOH, 4x2xAWG22, 30%, Dca

Dca / 500m



## SCHRACK-Info

- Installation cable for generic cabling systems.
- Support current and future applications requiring Class D to F<sub>A</sub> (z.B. 10GBase-T, 1000Base-T, 100Base-TX, 10Base-T, FDDI, ATM) as well as VoIP, PoE, 4PPoE
- Primary (Campus), Secondary (Backbone), Teritary (Horizontal)
- Version: Simplex

### STANDARDS:

- ISO/IEC 11801, EN 50173-1
- Better than category 7<sub>A</sub> according to IEC 61156-5, EN 50288-9-1
- Much better than IEEE 802.3an 10 Gigabit Ethernet

## Tehnički podaci

|                      |                                |
|----------------------|--------------------------------|
| Kategorija           | Cat.7 <sub>A</sub>             |
| Oklop kabla          | S/FTP                          |
| Provodnik            | 4 individualno oklopljena para |
| Materijal provodnika | Puna bakrena žica AWG23/1      |

## Tehnički podaci - nastavak

|                                                    |                                                                                                             |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|
| Kod boja                                           | Par 1 Bela / Plava<br>Par 2 Bela / Narandžasta<br>Par 3 Bela / Zelena<br>Par 4 Bela / Braon                 |
| Materijal izolacije                                | Penasti polietilen                                                                                          |
| Nominalni prečnik izolacije (mm)                   | 1,42                                                                                                        |
| Oklop                                              | oklopljen                                                                                                   |
| Folija                                             | Laminirani aluminijumski poliester, aluminijum okrenut ka spolja (PiMF)                                     |
| Ukupan ekran                                       | Pun bakar                                                                                                   |
| Pokrov pletenice (%)                               | 30                                                                                                          |
| Spoljni omotač kabla                               | LS0H                                                                                                        |
| Plast/omotač                                       | LS0H, FRNC acc. to<br>IEC 61034-1/2, EN 50268-1/2<br>IEC 60754-2, EN 50267-2<br>IEC 60332-1-2, EN 60332-1-2 |
| Euroclass u skladu sa EN50575                      | Dca                                                                                                         |
| Razvoj/gustina dima                                | s2                                                                                                          |
| Goreće kapljice                                    | d2                                                                                                          |
| Razvoj kiseline/korozivnost                        | a1                                                                                                          |
| Gorivost (kJ/m)                                    | 700                                                                                                         |
| Spoljni prečnik (mm)                               | 7,5                                                                                                         |
| Nominalna težina (kg/km)                           | 53                                                                                                          |
| Boja plašta                                        | Plava, RAL 5015                                                                                             |
| Opis boje                                          | plavo                                                                                                       |
| Temperaturni okvir - Operativni (°C)               | -30 do +60                                                                                                  |
| Temperaturni okvir - Transport/skladištenje (°C)   | -30 do +60                                                                                                  |
| Temperaturni okvir - instalacije (°C)              | +0 do +50                                                                                                   |
| Radius savijanja kabla - statični (Ø)              | 4                                                                                                           |
| Radius savijanja kabla - Dinamični (Ø)             | 8                                                                                                           |
| Max. tenzija pri izvlačenju (N)                    | 105                                                                                                         |
| Asimetrija otpora: u parovima / između parova (%)  | < 2 / < 4                                                                                                   |
| DC otpornost izolacije (MΩ*km)                     | ≥5000                                                                                                       |
| Dielektrični provodnik (2 sec) (kV DC)             | 2,5                                                                                                         |
| Dielektrični provodnik - oklopljen (2 sec) (kV DC) | 2,5                                                                                                         |
| Radni kapacitet (nF/km)                            | < 56                                                                                                        |
| Nesimetrija kapaciteta (pF/km)                     | < 1600                                                                                                      |
| Karakteristike impedanse (Ω)                       | 100 +/- 5                                                                                                   |
| NVP (%)                                            | 76                                                                                                          |
| IEEE usagalešnost                                  | PoE: IEEE 802.3bt Type 1, Type 2, Type 3, Type 4                                                            |
| Dužina/pakovanje                                   | 500m - bubanj                                                                                               |

## Lista fajlova: Kabl Cat.7A S/FTP, 1200Mhz, LSOH, 4x2xAWG22, 30%, Dca

| Frequenz                | 1    | 4    | 10   | 16  | 31,2 | 62,5 | 100 | 155 | 250 | 500 | 600 | 1000 | 1200 | MHz |
|-------------------------|------|------|------|-----|------|------|-----|-----|-----|-----|-----|------|------|-----|
| Dämpfung                | 2,1  | 3,7  | 5,8  |     |      |      |     |     |     |     |     |      |      |     |
| NEXT                    | 78   | 78   | 78   |     |      |      |     |     |     |     |     |      |      |     |
| PS NEXT                 | 75   | 75   | 75   |     |      |      |     |     |     |     |     |      |      |     |
| ACR                     | 75,9 | 74,3 | 72,2 |     |      |      |     |     |     |     |     |      |      |     |
| PS ACR                  | 72,9 | 71,3 | 69,2 |     |      |      |     |     |     |     |     |      |      |     |
| ACR-F                   | 78   | 78   | 75,3 |     |      |      |     |     |     |     |     |      |      |     |
| PS ACR-F                | 75   | 75   | 72,3 |     |      |      |     |     |     |     |     |      |      |     |
| Rückflusssdämpfung      | 20   | 23   | 25   |     |      |      |     |     |     |     |     |      |      |     |
| TCL Level 1             | 40   | 34   | 30   |     |      |      |     |     |     |     |     |      |      |     |
| EL TCTL                 | 35   | 23   | 15   |     |      |      |     |     |     |     |     |      |      |     |
| Ausbreitungsverzögerung | 570  | 552  | 545  | 543 | 540  | 539  | 538 | 537 | 536 | 536 | 536 | 535  | 535  |     |

## Lista fajlova: Kabl Cat.7A S/FTP, 1200Mhz, LSOH, 4x2xAWG22, 30%, Dca

| Frequenz           | 1   | 4   | 10  | 16  | 31,2 | 62,5 | 100 | 155  | 250  | 500  | 600  | 1000 | 1200 | dB/<br>100m |
|--------------------|-----|-----|-----|-----|------|------|-----|------|------|------|------|------|------|-------------|
| Dämpfung           | 1,9 | 3,5 | 5,6 | 7,1 | 10   | 14,1 | 18  | 22,6 | 28,9 | 41,3 | 45,6 | 60,2 | 66,7 | dB/<br>100m |
| NEXT               | 103 | 100 |     |     |      |      |     |      |      |      | 89   | 88   | 87   | dB/<br>100m |
| PS NEXT            | 100 | 97  |     |     |      |      |     |      |      |      | 86   | 85   | 84   | dB/<br>100m |
| ACR                | 101 | 97  |     |     |      |      |     |      |      |      | 43   | 28   | 20   | dB/<br>100m |
| PS ACR             | 98  | 94  |     |     |      |      |     |      |      |      | 40   | 25   | 17   | dB/<br>100m |
| ACR-F              | 95  | 94  |     |     |      |      |     |      |      |      | 60   | 40   | 32   | dB/<br>100m |
| PS ACR-F           | 92  | 91  | 90  | 88  | 87   | 84   | 82  | 79   | 68   | 62   | 57   | 37   | 29   | dB/<br>100m |
| Rückflusssdämpfung | 27  | 30  | 32  | 32  | 35   | 33   | 32  | 31   | 27   | 23   | 23   | 19   | 17   | dB/<br>100m |

## Tabela artikla

| OPIS                                                                                       | NVP (%) | MASA BAKRA (kg/km) | Kat. broj  |
|--------------------------------------------------------------------------------------------|---------|--------------------|------------|
| Kabl Cat.7A S/FTP, 1200Mhz, LSOH, 4x2xAWG22, 30%, Dca<br>Dca / 500m                        | 76      | 29                 | HSKP422HA5 |
| <b>Dodatni pribor</b>                                                                      |         |                    |            |
| S-JACK Modul RJ45 Cat.6A STP 10Gb (SFB),4PPoE 100W, 24 kom<br>SFB,4PPoE 100W,TOOLLESS LINE |         |                    | HSEMRJ6GS2 |
| S-JACK Modul RJ45 Cat.6A STP 10Gb (SFB),4PPoE 100W<br>SFB,4PPoE 100W,TOOLLESS LINE         |         |                    | HSEMRJ6GS1 |
| Modul RJ45 Cat.6A STP 10Gb (SFA),4PPoE 100W, Ed.2.2<br>SFA,4PPoE 100W,TOOLLESS LINE        |         |                    | HSEMRJ6GWA |

## Tabela artikla

| OPIS                                                                                                    | NVP (%) | MASA BAKRA (kg/km) | Kat. broj  |
|---------------------------------------------------------------------------------------------------------|---------|--------------------|------------|
| <b>Dodatni pribor</b>                                                                                   |         |                    |            |
| Modul RJ45 Cat.6A STP 10Gb (SFB),4PPoE 100W,Ed.2.2<br>SFB,4PPoE 100W,TOOLLESS LINE                      |         |                    | HSEMRJ6GBA |
| Nosač kablovskog bubnja pri odmotavanju, nosivost do 250kg<br>roler za kableske bubnjeve širine do 52cm |         |                    | HTOOL00006 |
| Kablovska čičak traka 16mm x 4m, plava                                                                  |         |                    | Q7KB0416-B |
| Kablovska čičak traka 16mm x 4m, crvena                                                                 |         |                    | Q7KB0416-R |
| Kablovska čičak traka 16mm x 4m, crna                                                                   |         |                    | Q7KB0416-S |
| Kablovska čičak traka 16mm x 4m, žuta                                                                   |         |                    | Q7KB0416-Y |
| Kablovska čičak traka 16mm x 4m, zelena                                                                 |         |                    | Q7KB0416-U |