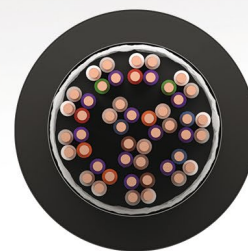
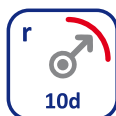
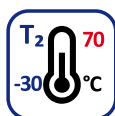
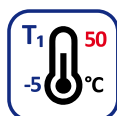


DCEPKSwFLE



ZÁKLADNÉ VLASTNOSTI KÁBLA BASIC CHARACTERISTICS OF THE CABLE

ELEKTRICKÉ / ELECTRIC



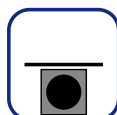
NORMY STANDARDS

TPEFK 19-12-2008/404+A1
STN EN 60708

KONŠTRUKCIA KÁBLA CONSTRUCTION OF THE CABLE

- Medený vodič
Copper conductor
- Izolácia z penového+plného polyetylénu (foam-skin)
Insulation layer from a foam + solid polyethylene (foam-skin)
- Vodoblokujúca páska, nite
Water-protecting tape, thread
- Obvodová izolácia z vodoblokujúcej pásky
Circuit insulation from water blocking tapes
- Tieniaca Al-polymérová fólia 150 µm
Screening aluminum-polymer foil 150 µm
- Polyetylénový plášť – čierny
Polyethylene sheath – black

POUŽITIE KÁBLA CABLE APPLICATION



Označenie káblov – str. 132 – 133 / Cable labeling – page 132 – 133

Farebné kódy – str. 134 – 139 / Color codes – page 134 – 139

Nominálne hrúbky plášťa, informatívne priemery a hmotnosti káblov, transportné bubny, výrobné dĺžky.
Nominal thickness of the sheath, informative diameters and weight of cables, transport drums, production lengths.

| p | Ø 0,9 mm | | | | |
|----|-----------|-----------|--------------|-----------|----------|
| | t [mm] | d [mm] | m [kg/km] | b [cm] | l [m] |
| 3 | 2,0 | 15,0 | 202 | 125 | 1000 |
| 5 | 2,0 | 17,5 | 287 | 125 | 1000 |
| 8 | 2,0 | 20,0 | 396 | 125 | 1000 |
| 12 | 2,0 | 24,0 | 553 | 150 | 1000 |
| 19 | 2,2 | 28,0 | 806 | 180 | 1000 |
| 27 | 2,2 | 33,6 | 1112 | 180 | 500 |

p – počet prvkov (number of components)

t – nominálna hrúbka plášťa (nominal thickness of the sheath)

d – informatívny priemer kábla nad plášťom (informative diameter of the cable over the sheath)

m – informatívna hmotnosť kábla (informative weight of the cable)

b – transportný bubon (transport drum)

l – výrobná dĺžka (production length)

PRENOSOVÉ PARAMETRE / TRANSMISSION PARAMETERS

| Priemer vodičov - Diameter of conductors | | Ø 0,9 mm |
|--|---|----------------|
| Max. odpor elektrickej slučky [Ω/km] Max. loop resistance, [Ω/km] | | ≤ 56,6 |
| Elektrický odpor vodiča [Ω/km] Electrical resistance conductor [Ω/km] | | ≤ 28,5 |
| Prevádzková kapacita páru C _{1,2} [nF/km] Mutual capacitance C _{1,2} [nF/km] | hodnota - value | 34 ÷ 40,0 |
| Kapacitná nerovnováha k ₁ [pF/500m] Capacitance unbalance k ₁ [pF/500m] | stred - average max. - max | ≤ 55 ≤ 150 |
| Kapacitná nerovnováha k ₉₋₁₂ [pF/500m] Capacitance unbalance k ₉₋₁₂ [pF/500m] | stred - average max. - max | ≤ 55 ≤ 180 |
| Kapacitná nerovnováha e _{1-e2} [pF/500m] Capacitance unbalance e _{1-e2} [pF/500m] | stred - average max. - max | ≤ 500 ≤ 800 |
| Charakteristická impedancia [Ω]; 1 MHz Characteristic impedance [Ω]; 1 MHz | | 130 ± 10% |
| Tlmenie [dB/km]; 1 MHz – Attenuation [dB/km]; 1 MHz | | ≤ 10,0 |
| NEXT [dB]; 1 MHz – NEXT [dB]; 1 MHz | | ≥ 45 |
| FEXT [dB]; 1 MHz - FEXT [dB]; 1 MHz | Páry v rámci prvku. – Pairs in the star quad | ≥ 45 |
| | Páry v rámci vrstvy. – Pairs in the same layers | ≥ 55 |
| | Páry medzi vrstvami. – Pairs between layers | ≥ 62 |