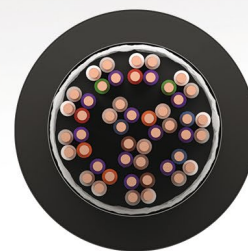
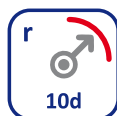
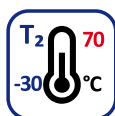
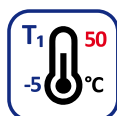


DCEPKSwFLE



ZÁKLADNÉ VLASTNOSTI KÁBLA BASIC CHARACTERISTICS OF THE CABLE

ELEKTRICKÉ / ELECTRIC



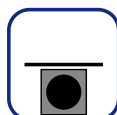
NORMY STANDARDS

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. 136 – 137 / Cable labeling – page 136 – 137

Farebné kódy – str. 138 – 143 / Color codes – page 138 – 143

Nominálne hrúbky plášťa, informatívne priemery a hmotnosti káblov, transportné bubny.

Nominal thickness of the sheath, informative diameters and weight of cables, transport drums.

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

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)

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