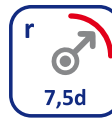
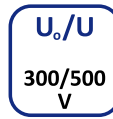
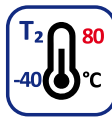
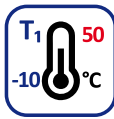




# EFK 1-CEKCE

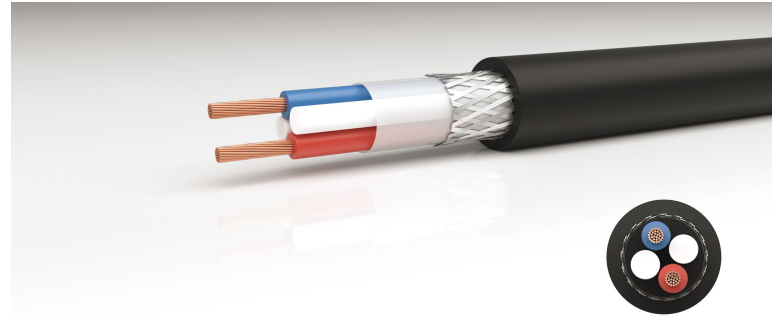
## BASIC CHARACTERISTICS OF THE CABLE

### ELECTRIC



## STANDARDS

TPEFK 13-05-2018/709



## CONSTRUCTION OF THE CABLE

- Stranded copper conductor class 5 according to EN 60228
- Solid polyethylene insulation – UV resistant, according to EN 50290-2-23 type HDPE
- Circuit insulation from no hygroscopic foil
- Tinned copper braid
- Separating plastic tape
- PE sheath – black, UV resistant halogen-free according to EN 50290-2-24 type LLD

## CABLE APPLICATION

Stranded UV resistant cable with braided screening. Cable is intended for power supply antenna systems of mobile telecom networks.



# EFK 1-CEKCE



Označenie káblov – str. 136 – 137 / *Cable labeling – page 136 – 137*

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

Nominálne hrúbky plášťa, priemery, hmotnosti káblov, odpory jadier a prúdová zatažiteľnosť.

*Nominal thickness of the sheath, diameters and weight of cables, resistance of conductors and current carrying capacity.*

Konštrukcia (Construction)	t [mm]	d [mm]	m [kg/km]	R [ $\Omega$ /km]	a [A]
2x1,5 mm <sup>2</sup>	1,6	8,7	85	13,3	20
2x2,5 mm <sup>2</sup>	1,6	9,9	108	7,98	27
2x4,0 mm <sup>2</sup>	1,6	10,5	142	4,95	36
2x6,0 mm <sup>2</sup>	1,6	11,1	185	3,30	46
2x10 mm <sup>2</sup>	1,6	13,3	283	1,91	63
2x16 mm <sup>2</sup>	1,8	17,0	416	1,21	85
2x25 mm <sup>2</sup>	1,8	21,9	656	0,780	108
2x35 mm <sup>2</sup>	1,8	23,2	865	0,554	134

t – *nominal thickness of the sheath*

d – *informative diameter of the cable over the sheath*

m – *informative weight of the cable*

R – *max. electrical resistance of the conductor at 20 °C*

a – *current carrying capacity in the air at 30 °C*