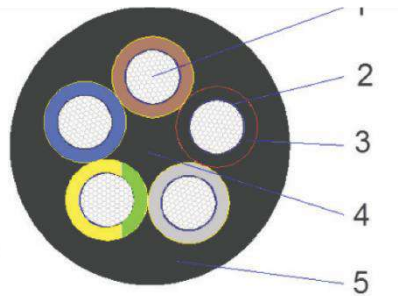


# H07RN-F RUBBER CABLE 450/750 V EKP



**Application:** Flexible and oil resistant rubber cable for use indoors and outdoors for instance in temporary installations on construction sites.

Conductor	Flexible bare copper acc. to IEC 60228 class 5
Conductor insulation	EPR rubber acc. to EN 50363-1
Core marking	Colour code acc. to HD 308, 7-core: green/yellow + 6 black with numbers
Sheath	Black oil resistant rubber acc. to EN 50363-2-1
Oil resistant	IEC 60811-404
Ambient temp. at installation	Min -25°C
Conductor temperature	Max 60°C
Short circuit temperature	Max 200°C
Min. bending radius	$D \leq 12 = 4D$ , $12 < D \leq 20 = 5D$ , $D > 20 = 6xD$ flexing
Rated voltage	450/750 V
Test voltage	2,5 kV
Flame retardant	IEC 60332-1
Meets RoHS and REACH	
Approval	CE acc. to Low Voltage Directive
Design:	EN 50525-2-21

No of conductors x cross section	Nom outer diameter mm	Cable weight kg/km
<b>3G1,5</b>	10	175
<b>3G2,5</b>	12	250
<b>4G1,5</b>	11	215
<b>4G2,5</b>	13	310
<b>4G4</b>	15	410
<b>4G6</b>	17	560
<b>4G10</b>	25	1030
<b>4G16</b>	28	1350
<b>4G25</b>	34	2020
<b>4G35</b>	37	2550
<b>5G1,5</b>	12	255
<b>5G2,5</b>	15	360
<b>5G4</b>	17	505
<b>5G6</b>	19	642
<b>5G10</b>	27	1260
<b>5G16</b>	31	1720
<b>5G25</b>	37	2530
<b>5G35</b>	41	3200
<b>7G1,5</b>	15	344
<b>7G2,5</b>	16	474



## Current rating.

No of conductors x cross section	Current rating acc. to EN 50565-1, table C.3 free in air at ambient temperature 30°C	
4G1,5	(16 A)	Three loaded conductors
4G2,5	(21 A)	”
4G4	30 A	”
4G6	37 A	”
4G10	52 A	”
4G16	69 A	”
4G25	92 A	”
4G35	114 A	”
5G4	30 A	”
5G6	38 A	”
5G10	54 A	”
5G16	71 A	”
5G25	94 A	”
5G35	(114 A)	”
7G1,5	(11 A)	Six loaded conductors
7G2,5	(14 A)	”

## Correction factor for ambient temperature other than +30°C acc. to EN 50565-1.

35°C: 0,91 40°C: 0,82 45°C: 0,71 50°C: 0,58 55°C: 0,41