

DESCAFLEX H05RN-F / H07RN-F

0,75 mm² - 300,00 mm²

Cables elastomeric 450 / 750 V

Application

As connecting cables for industrial machines and mobile building machines, under medium mechanical stress in dry and damp rooms as well as outdoors, etc..

Construction

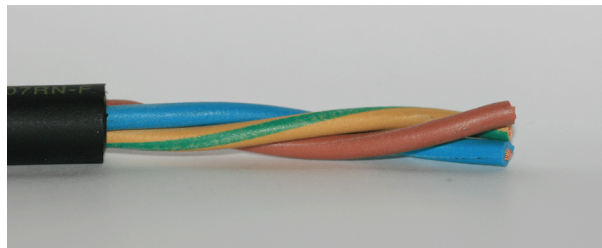
Flexible bare copper conductors, acc. to IEC 60228, class 5
Foil tape (from 16,00 mm²)
EPR Insulation, coloured according to HD 308 S2
Sheath elastomeric, reinforced, black

Special Characteristics

Flame retardant, high abrasion, tear and compressive strength, good oil, gasoline and chemical resistance, high resistance to environmental influences such as ozone, UV radiation, moisture, good behaviour against large temperature fluctuations.

Eucafex Plus

Water resistant for depths up to 50 m for slightly polluted industrial or household waste water at a max. temperature of 40°C (we do recommend not to use the cable below a depth of 10 m in case of heavily polluted waste water).



Technical Properties

Rated voltage U ₀ /U	H05	300 / 500 V
	H07	450 / 750 V
Test voltage	H05	2000 V
	H07	2500 V
Temperature range		- 25°C ... + 60°C
- static installation		- 40°C ... + 60°C
Minimum bending radius.		6 x cable diameter

We deliver the cables in the sections up to 5G16,00 mm² respectively 4G25,00 mm² in the Eucafex Plus quality. These cables meet the requirements of the standards HD 22.12 (H07BN4-F) and HD 22.16 (H07RN8-F) also.

Standards / Approvals

CENELEC HD 22.4 S3
up to 1,00 mm² H05RN-F
from 1,50 mm² H07RN-F

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
211310	2 x 0,75*	6.40	14.40	62.00
211311	3 G 0,75*	7.00	21.60	77.00
211314	2 x 1,00*	6.80	19.20	62.00
211315	3 G 1,00*	7.20	28.80	86.00
211320	2 x 1,00	8.40	19.20	100.00
211321	3 G 1,00	9.10	28.80	125.00
211322	4 G 1,00	10.00	38.40	155.00
211329	2 x 1,50	9.40	28.80	115.00
211330	3 G 1,50	9.90	43.20	160.00
211331	4 G 1,50	11.10	57.60	200.00
211332	5 G 1,50	12.10	72.00	240.00
211334	7 G 1,50	16.20	100.80	330.00
211335	12 G 1,50	18.50	172.80	480.00
211337	19 G 1,50	23.50	273.60	800.00
211338	24 G 1,50	25.70	345.60	895.00
211342	2 x 2,50	11.40	48.00	170.00
211343	3 G 2,50	11.80	72.00	230.00
211344	4 G 2,50	13.30	96.00	290.00
211345	5 G 2,50	14.80	120.00	350.00
211347	7 G 2,50	19.00	168.00	470.00
211348	12 G 2,50	22.00	288.00	690.00
211349	18 G 2,50	26.50	432.00	1010.00
211350	19 G 2,50	26.60	456.00	1068.00
211351	24 G 2,50	30.70	576.00	1325.00
211355	2 x 4,00	13.10	76.80	230.00
211356	3 G 4,00	13.90	115.20	320.00
211357	4 G 4,00	15.40	153.60	400.00
211358	5 G 4,00	17.20	192.00	500.00
211367	2 x 6,00	14.20	115.20	300.00
211368	3 G 6,00	15.40	172.80	425.00
211369	4 G 6,00	17.20	230.00	504.00
211370	5 G 6,00	19.30	288.00	670.00
211379	3 G 10,00	21.20	288.00	765.00
211380	4 G 10,00	23.70	384.00	930.00
211381	5 G 10,00	26.00	480.00	1140.00

* = version H05RN-F

Part Number	Type n x mm ²	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
211387	4 G 16,00	26.00	614.40	1300.00
211388	5 G 16,00	29.30	768.00	1610.00
211393	4 G 25,00	31.00	960.00	1950.00
211394	5 G 25,00	35.00	1200.00	2440.00
211400	4 G 35,00	35.00	1344.00	2330.00
211401	5 G 35,00	39.00	1680.00	2900.00
211404	4 G 50,00	40.00	1920.00	3200.00
211405	5 G 50,00	45.00	2400.00	4000.00
211409	4 G 70,00	45.00	2688.00	4200.00
211410	5 G 70,00	50.00	3360.00	5250.00
211414	4 G 95,00	51.00	3648.00	5490.00
211415	5 G 95,00	60.00	4560.00	6550.00
211418	4 G 120,00	53.60	4608.00	6790.00
211422	4 G 150,00	58.70	5760.00	8230.00
211427	4 G 185,00	65.00	7104.00	9700.00

Single Conductor

211575	1 x 2,50	L	6.70	24.00	73.00
211580	1 x 4,00	L	7.60	38.40	99.00
211585	1 x 6,00	L	8.40	57.60	130.00
211590	1 x 10,00	L	10.50	96.00	201.00
211595	1 x 16,00	L	12.00	153.60	280.00
211600	1 x 25,00	L	14.00	240.00	400.00
211605	1 x 35,00	L	15.50	336.00	540.00
211610	1 x 50,00	L	18.50	480.00	750.00
211615	1 x 70,00	L	21.00	672.00	1000.00
211620	1 x 95,00	L	24.00	912.00	1310.00
211625	1 x 120,00	L	27.00	1152.00	1630.00
211630	1 x 150,00	L	30.00	1440.00	2000.00
211635	1 x 185,00	L	33.00	1776.00	2420.00
211640	1 x 240,00	L	35.00	2304.00	2980.00
211645	1 x 300,00	L	38.00	2880.00	3585.00

L = phase conductor

Packaging

cut to desired length