



Rubber-insulated cables - H05RN-F
Industrial rubber-cable



Technical attributes

Standards	to DIN VDE 0282 part1 4, rubber insulation to DIN VDE 0282 part 4, HD 22.4 S3 = IEC 60245-4
Conductor material	Cu, bare
Conductor type	with DIN VDE 0295
Conductor standard	DIN VDE 0295
Conductor category	5
Core insulation	vulcanized rubber mixture E14
Core colours	according to DIN VDE 0293 up to 5 cores colored, from 6 cores black with consecutive printed numbers, earth conductor gn / ye vulcanized rubber mixture EM3
Outer sheath	black
Outer sheath colour	black
Temperature range min., mobile operation	-30 °C
Temperature range max., mobile operation	+60 °C
Temperature range min., fixed installation	-30 °C
Temperature range max., fixed installation	+60 °C
Operating temperature at conductor	in three-and single-phase U ₀ / U = 318/550 V for direct current systems U ₀ / U = 413/825 °C
Nominal voltage U ₀ /U	300/500 V
Operating voltage	in three-and single-phase U ₀ / U = 318/550 V for direct current systems U ₀ / U = 413/825 V
Test voltage	2000 V
Minimum bending radius mobile operation	ca. 7,5 x cable-Ø
fire behaviour	Ozone resistant according to DIN VDE 0472 part 804 test B and IEC 60332-1, contact with oils and fats allowed
RoHS-compliant	yes

Description

Rubber hose for connection of electrical appliances for medium mechanical stress in dry, damp and wet rooms and outdoors.

Note

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- UV-resistant
- ozone-resistant

Product table

product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01902001	H05RN-F 2 x 0,75	63,00	14,40	8,20	black
01902002	H05RN-F 3 G 0,75	77,00	21,60	7,80	black
01902003	H05RN-F 4 G 0,75	95,00	29,00	8,20	black
01902005	H05RN-F 2 x 1	75,00	19,20	8,80	black



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product number	product name	Weight ca. [kg]	Cu-weight [kg_km]	Outer-Ø ca. [mm]	Outer sheath colour
01902006	H05RN-F 3 G 1	88,00	29,00	9,20	black
01902008	A05RN-F 4 x 1	101,00	38,00	10,00	black
01902007	A05RN-F 5 x 2,5	310,00	120,00	auf Anfrage	black

