



## Heavy standard construction

For mechanically more demanding applications; 1000 V AC @ protected + static laying; Arrangements made of single-core, rubber-sheathed cables H07RN-F can be used for short circuit-proof and short-to-ground-proof installations in accordance with IEC 60364-5-52/ HD 60364-5-52/ VDE 0100 Part 520

- Medium mechanical stress
- Oil-resistant



## Product description

### Application range

- Handheld and power supply devices according to HD 516
- Medium, mechanical stress (H07RN-F)/ industrial, agricultural use
- Dry or damp rooms as well as outdoors (taking into account all normative power characteristics) according to HD 516/VDE 0298-300

### Benefits

- For mechanically more demanding applications
- 1000 V AC @ protected + static laying
- Arrangements made of single-core, rubber-sheathed cables H07RN-F can be used for short circuit-proof and short-to-ground-proof installations in accordance with IEC 60364-5-52/ HD 60364-5-52/ VDE 0100 Part 520

## Product Make-up

- Bare copper wire according to HAR
- Core insulation: rubber compound type EI 4
- Outer sheath: rubber compound, type EM2

## Norm references / Approvals

- H07RN-F cable type approval according to EN 50525-2-21

## Product features

- Flame-retardant according IEC 60332-1-2
- Oil-resistant according to EN 60811-404

## Technical Data

Core identification code	Up to 5 cores: colour-coded according to VDE 0293-308, refer to Appendix T9 From 6 cores: black with white numbers
Classification	ETIM 5.0 Class-ID: EC001578 ETIM 5.0 Class-Description: Flexible cable
Conductor stranding	Fine wire according to VDE 0295 Class 5/ IEC 60228 Class 5
Minimum bending radius	4 to 8 xOD* (HD 516)
Nominal voltage	U <sub>0</sub> /U: 450/750 V
Test voltage	2500 V
Protective conductor	G = with GN-YE protective conductor X = without protective conductor
Current rating	According to IEC 60364-5-52/ VDE 0298-4 HD 516/VDE 0298-300
Temperature range	-25°C to +60°C