



## DN-F

### Application and Description

Flexible cable for mobile heavy duty. Suitable for installations in dry, damp or wet locations, outdoors, for hazardous areas with explosive gas atmospheres, machines in industrial workshops, motors and transportable machines; on construction sites and for agricultural exploitations. Suitable for submerged installations (AD8).

### Standard

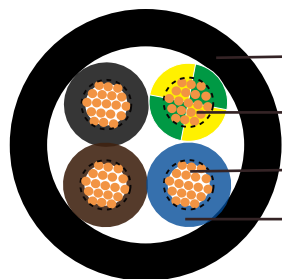
UNE 21150, UNE 21166, EN 60332-1, IEC 60332-1

### Cable Construction

- Flexible electrolytic annealed copper conductor
- Class 5 or class 6 in accordance with IEC 60228.
- Thermosetting rubber type EPR insulation
- Color coded to HD308 and HD186, 6 or more conductors: black numbered + green/yellow
- Green-yellow grounding, 3 conductors and above
- Thermosetting rubber type SE1 outer sheath

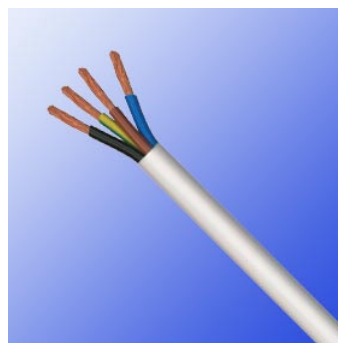
### Technical Characteristics

- Working voltage: 600/1000 volts
- Test voltage: 2000 volts
- Minimum bending radius: 3 x Ø
- Working temperature: -25° C to +90° C
- Short circuit temperature: +250° C
- Flame retardant: IEC 60332.1
- Insulation resistance: 20 MΩ x km



- Thermosetting rubber outer jacket
- Green/Yellow wire
- Electrolytic annealed copper conductor
- EPR insulation

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### Cable Parameter

AWG	No. of Cores x Nominal Cross Sectional Area # x mm <sup>2</sup>	Nominal Overall Diameter mm	Nominal Weight kg/km	AWG	No. of Cores x Nominal Cross Sectional Area # x mm <sup>2</sup>	Nominal Overall Diameter mm	Nominal Weight kg/km
10(84/28)	1×6	8.3	113	16(30/30)	3×1.5	10.9	163
8(80/26)	1×10	10.0	176	14(50/30)	3×2.5	12.2	216
6(128/26)	1×16	11.1	242	12(56/28)	3×4	13.9	296
4(200/26)	1×25	13.2	353	10(84/28)	3×6	15.4	385
2 (280/26)	1×35	14.7	470	8(80/26)	3×10	20.0	646
1(400/26)	1×50	17.1	645	6(128/26)	3×16	22.3	876
2/0 (356/24)	1×70	19.2	865	4(200/26)	3×25	26.8	1292
3/0 (485/24)	1×95	21.7	1121	2(280/26)	3×35	29.7	1691
4/0 (614/24)	1×120	23.4	1393	1(400/26)	3×50	35.4	2357
300 MCM (765/24)	1×150	25.9	1717	2/0 (356/24)	3×70	39.6	3118
350 MCM (944/24)	1×185	28.8	2079	3/0 (485/24)	3×95	45.1	4068
500MCM (1225/24)	1×240	31.9	2668	16(30/30)	4×1.5	11.9	199
-	1×300	34.9	3272	14(50/30)	4×2.5	13.5	269
16(30/30)	2×1.5	9.3	115	12(56/28)	4×4	15.9	387
14(50/30)	2×2.5	10.7	166	10(84/28)	4×6	18.1	516
12(56/28)	2×4	12.3	226	8(80/26)	4×10	21.5	790
10(84/28)	2×6	13.6	286	6(128/26)	4×16	24.2	1081
8(80/26)	2×10	18.0	505				
6(128/26)	2×16	21.3	713				
4(200/26)	2×25	25.7	1050				