

## Single Core Rubber Flexible EPR/CPE Cable 90°C 3.3kV

Single Core Rubber  
Flexible Cables  
EPR/CPE 1.9/3.3kV



### Cable Construction

- Conductors:**  
Tinned Stranded Conductors according to VDE 0295, Class 5.
- Insulation:**  
EPR Rubber Insulation, Type 3G13.
- Sheath:**  
CPE Rubber outer sheath.
- UV stabilized and flame retardant.
- Resistant to oil and abrasion, splashes of diluted acids.
- CE & ROHS Compliant.

### Current Rating

As per Table 8 of AS/NZS 3008.1.1

### Temperature Range

-40 to +90°C static  
-20 to +90°C flexing

### Rated Voltage

1.9/3.3kV

### Relevant Standards

DIN VDE 0250 Part 602, IEC 60332-1,  
AS/NZS 3808

### Maximum Service Temperature

90°C

### Bending Radius

6 times diameter after installed  
8 times diameter during install

### Typical Uses

For fixed installation in traction applications, unfused switchboard wiring, high current battery connections or where a tinned conductor is required in marine and other areas.

The materials used in the manufacture of these cables are RoHS Compliant.

### Sheath Colour

Black

## Technical Data

Part Number	Size mm <sup>2</sup>	Nom. Stranding No./mm	Nom. O.D. mm	Approx. Cable Weight Kg/Km	Nom. Amps 40°C Spaced
AHV001.5BK	1.5	30/0.25	6.0	53	25
AHV002.5BK	2.5	50/0.25	6.5	67	33
AHV004.0BK	4.0	56/0.30	7.0	87	45
AHV006.0BK	6.0	84/0.30	8.0	112	57
AHV010BK	10	75/0.40	9.5	169	80
AHV016BK	16	118/0.40	11.0	233	106
AHV025BK	25	183/0.40	13.5	360	142
AHV035BK	35	260/0.40	15.0	469	177
AHV050BK	50	375/0.40	16.5	630	223
AHV070BK	70	526/0.40	18.5	817	283
AHV095BK	95	696/0.40	21.0	1081	341
AHV120BK	120	879/0.40	23.0	1345	406
AHV150BK	150	1113/0.40	26.0	1645	470
AHV185BK	185	1349/0.40	28.0	1988	540
AHV240BK	240	1765/0.40	31.5	2587	651
AHV300BK	300	2280/0.40	34.5	3271	752
AHV400BK	400	3084/0.40	39.5	4280	909
AHV500BK	500	3795/0.40	48.5	5290	1062

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