

Single Core Double Insulated Screened EPR/CPE Cable VSD R90°C 3.3kV

Single Core Rubber
 Flexible Variable Speed
 Drive Cable
 EPR/CPE 1.9/3.3kV



Cable Construction

1. **Conductor:**
Tinned Stranded Conductors according to VDE 0295, Class 5.
2. **Insulation:**
EPR Rubber insulation, Type 3G13.
3. **Screen:**
Tinned copper braid screened min 82% plus aluminium/mylar tape.
Separator polyester tape.
4. **Sheath:**
CPE Rubber outer sheath.
5. UV stabilised and flame retardant.
6. Resistant to oil and abrasion.
7. 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

AS/NZS 1125, IEC 60332-1, AS/NZS 3808, AS/NZS 1429.1, VDE 0250 - Part 602

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

Maximum Conductor Temperature

+90°C

Bending Radius

10 times diameter after installed
 12 times diameter during install

Typical Uses

The cable is designed primarily for large Variable Speed Drives and because of the dual screening gives maximum EMV protection. Earth screens one end only.

For current ratings other than spaced from surface see table 7 AS3008.1.1 1998.

Sheath Colour

Black

TECHNICAL DATA

Part Number	Size mm ²	Nom. Stranding No./mm	N.O.D Under Sreen	Nom. O.D. mm	Approx. Cable Weight Kg/Km	Nom. Amps 40°C Spaced
AHVCY050BK	50	375/0.40	14.4	20.5	592	223
AHVCY070BK	70	334/0.40	15.9	23.0	828	283
AHVCY095BK	95	437/0.50	18.2	25.5	1114	341
AHVCY120BK	120	561/0.50	20.1	27.0	1460	406
AHVCY150BK	150	707/0.50	21.8	28.5	1774	470
AHVCY185BK	185	853/0.50	23.7	30.0	2170	540
AHVCY240BK	240	1127/0.50	26.7	37.5	2798	651

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