

NAYY - O Single Core Stranded Aluminium Conductor PVC Insulated & Sheathed 600/1000V (UA) Power Cable conforming to IEC 60502 P-1

Application



- ✓ Power Plants
- ✓ Industrial and Switching installations
- ✓ Secondary distribution networks
- ✓ Indoor and outdoor uses
- ✓ In open air, underground and in water where mechanical damage is not anticipated.

Features

- ✓ Flame retardant
- ✓ Self-extinguishing
- ✓ UV resistant
- ✓ Outdoor solar applications.

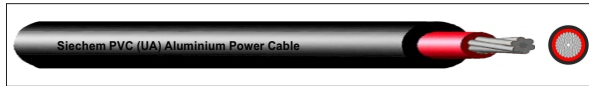
Product Construction

- ✓ Conductor : Aluminium conductor complying with IEC 60228
- ✓ Insulation : PVC compound
- ✓ Outer Sheath : PVC compound - Black

ISO 9001	ISO 14001	OHSAS 18001	AS 9100	ISO 45001		
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Technical Data

- ✓ Temperature Range:
Flexing : -5°C to +50°C
Fixed Installation : -40°C to +70°C
- ✓ Permissible short circuit : +160°C (Duration 5 secs)
- ✓ Voltage for Testing : 4 kV
- ✓ Bending Radius (Min):
Single Core : 12x Cable Diameter
- ✓ Rated Voltage : U₀/U 600/1000 V
- ✓ Volume Resistivity at 27°C(Min) : 1 X 10¹³ Ohm-cm



Part Number	Number of Cores and mm ² Per Conductor	Outer Diameter in mm approx.	Aluminium Weight Kg/Km (Nom.)	Weight Kg/Km approx.
68132XX	1Cx35	13.0	95	244
68134XX	1Cx50	15.0	135	332
68137XX	1Cx70	16.5	189	397
68138XX	1Cx95	19.0	257	523
68141XX	1Cx120	20.5	324	620
68142XX	1Cx150	22.5	405	754
68144XX	1Cx185	25.0	500	927
68146XX	1Cx240	28.0	649	1165
68148XX	1Cx300	30.0	811	1361
68149XX	1Cx400	34.0	1081	1792
68150XX	1Cx500	38.0	1352	2206

Note : Please replace XX in the part number as per the colour code given hereunder.

Red - 01	Yellow - 02	Blue - 03	Black - 04	Green - 05	Yellow-Green - 06	Grey - 07
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