

NAYY - J Multi 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.

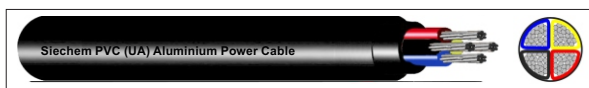
Product Construction

- ✓ Conductor : Aluminium conductor complying with IEC 60228
- ✓ Insulation : PVC compound
- ✓ Bedding : 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):
Multi Core : 12 x 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 Index Kg/Km	Weight Kg/Km approx.
6822804	4C x 16	22.9	176	680
6823004	4C x 25	26.7	276	946
6823204	4C x 35	29.4	386	1164
6823404	4C x 50	30.1	551	1196
6823704	4C x 70	34.2	772	1559
6823804	4C x 95	38.8	1048	2020
6824104	4C x 120	42.3	1323	2428
6824204	4C x 150	46.7	1654	2967
6824404	4C x 185	51.9	2040	3624
6824604	4C x 240	58.4	2647	4617



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