

POWER CABLE SHIELDED

5KV, 100 & 133% I.L.

APPLICATION:

- For use in cable tray, conduit, underground duct or direct burial
- For bulk power distribution and Load centers.

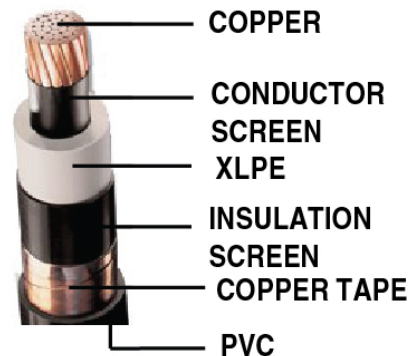
SPECIFICATION:

- PNS 1207
- ICEA S-93-639

CONSTRUCTION/SPECIAL FEATURES:

- Soft Drawn Compressed Concentric Conductors
- Semi-conducting compound bounded
- Cross-linked polyethylene insulated
- Semi-conducting compound strippable insulation screen
- Shielded Metallic Copper Tape
- Thermoplastic PVC Lead free 60°C jacketed

POWER CABLE



TEMPERATURE RATINGS:

- Maximum conductor 90°C
- Maximum emergency overload 130°C

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TECHNICAL DATA

Size		No. of Strand	Approximate Over All Diameter (mm)	Approximate Cable Weight (kg/km)
AWG	mm ²			
08	8.0	7	16.80	326.003
6	14	7	18.0	411.35
4	22	7	19.20	513.039
2	30	7	20.10	600.021
01	38	19	21.20	708.989
1/0	50	19	22.20	826.287
2/0	60	19	24.15	1,005.857
3/0	80	19	25.65	1,222.298
4/0	100	19	27.15	1,463.574
250	125	37	28.85	1,755.765
400	200	37	32.35	2,475.025
500	250	37	34.80	3,058.176
500	250	61	34.85	3,059.919
800	400	61	40.25	4,573.485
1000	500	61	42.95	5,449.32