

POWER CABLE NONSHIELDED 5KV, 100 & 133% I.L.

APPLICATION:

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

SPECIFICATION:

- PNS 1207
- ICEA S-96-659

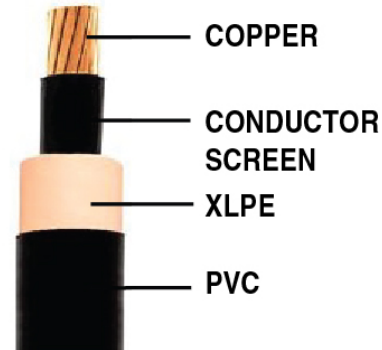
CONSTRUCTION/SPECIAL FEATURES:

- Soft Drawn Compressed Concentric Conductors
- Semi-conducting compound bounded screen conductor
- Cross-linked polyethylene insulated
- Thermoplastic PVC Lead free 60°C jacketed

TEMPERATURE RATINGS:

- Maximum conductor 90°C

POWER CABLE



POWER CABLE NONSHIELDED 5KV 100 & 133% I.L. TECHNICAL DATA

Size		No. of Strand	Approximate Over All Diameter (mm)	Approximate Cable Weight (kg/km)
AWG	mm ²			
08	8.0	7	15.414	283.351
6	14	7	16.614	365.377
4	22	7	17.814	463.743
2	30	7	18.714	548.234
01	38	19	19.814	654.159
1/0	50	19	20.814	768.688
2/0	60	19	21.814	894.264
3/0	80	19	24.076	1,144.432
4/0	100	19	25.576	1,380.915
250	125	37	28.80	1,751.334
400	200	37	32.30	2,469.462
500	250	37	34.75	3,051.821
500	250	61	34.80	3,053.547
800	400	61	41.724	4,686.611
1000	500	61	44.424	5,569.330