

# POWER CABLE SHIELDED 8KV

## APPLICATION:

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

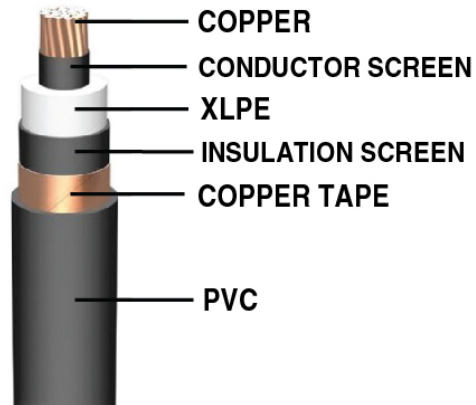
## SPECIFICATION:

- PNS 1207
- ICEA S-93-639

## CONSTRUCTION/SPECIAL FEATURES:

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

## POWER CABLE



## TEMPERATURE RATINGS:

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

## POWER CABLE SHIELDED 8KV TECHNICAL DATA

Size		No. of Strand	100 % Insulation Level		133% Insulation Level	
AWG	mm <sup>2</sup>		Approximate Over All Diameter (mm)	Approximate Cable Weight (kg/km)	Approximate Over All Diameter (mm)	Approximate Cable Weight (kg/km)
6	14	7	19.26	451.283	20.54	494.274
4	22	7	20.46	555.226	21.74	600.51
2	30	7	21.36	643.901	22.64	690.904
01	38	19	22.46	754.938	24.70	857.0
1/0	50	19	24.41	925.905	25.70	980.274
2/0	60	19	25.41	1,058.293	26.70	1,114.594
3/0	80	19	26.91	1,277.554	28.20	1,336.134
4/0	100	19	28.41	1,521.651	29.70	1,583.751
250	125	37	30.11	1,817.038	31.40	1,882.426
500	250	37	36.06	3,130.636	37.35	3,207.523
500	250	61	36.11	3,132.473	37.40	3,209.456
800	400	61	41.51	4,656.193	42.80	4,743.612
1000	500	61	44.21	5,537.103	47.40	5,830.757