

# POWER CABLE SHIELDED 25KV

## APPLICATION:

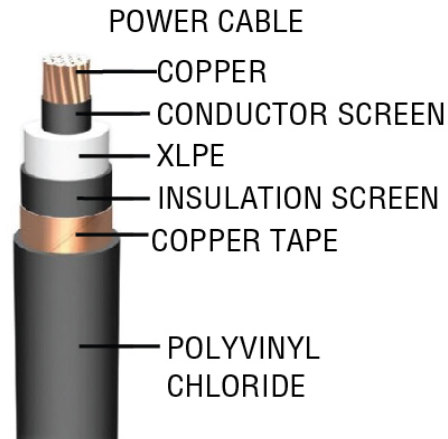
- Use in Wet and Dry location, direct burial, underground duct and aerial installation for power utilities and industrial application according to local or international standards and regulation.

## 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
- Shielded Metallic Copper Tape
- Thermoplastic PVC Lead free 60°C jacketed



## TEMPERATURE RATINGS:

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

## POWER CABLE SHIELDED 25KV 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)
01	38	19	30.78	1,136.926	33.84	1,298.677
1/0	50	19	31.78	1,269.273	34.84	1,435.591
2/0	60	19	32.78	1,412.665	35.84	1,583.55
3/0	80	19	34.28	1,648.435	37.34	1,826.169
4/0	100	19	35.78	1,909.041	38.84	2,093.625
250	125	37	37.48	2,223.139	40.54	2,415.484
500	250	37	43.33	3,602.221	48.39	4,027.035
500	250	61	43.48	3,604.608	48.44	4,029.867
800	400	61	50.78	5,403.40	53.84	5,661.044
1000	500	61	53.48	6,325.712	56.54	6,595.685