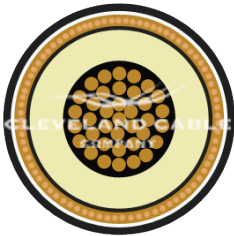


25/44 KV SINGLE CORE LSZH RAIL CABLE



APPLICATION

The 25/44kv cables are for use on 25-0-25kv auto transformer systems. The cables are designed to supply power to DC and AC line applications.

*Water blocking elements do not come as standard on this cable and must be requested on application. Water blocking components mentioned for information only.

CABLE STANDARDS

Generally to NR/PS/ELP/00008
 BS EN/IEC 60502-2
 BS EN/IEC 60840
 BS EN/IEC 60228
 BS7655-1.3

CONSTRUCTION

Conductor: Stranded Copper Conductors

Inner Semi Conductor: Extruded Inner Semi Conductor (Bonded Type)

Insulation: Cross Linked Polyethylene (XLPE)

Outer Semi Conductor: Extruded Semi Conductor (Strippable Type)

Screening: Copper Wires & Open Helix Copper Tape to 83mm

***Separator:** Copper Tape (O.H) plus Non-Conductive Water Blocking Tape

Sheath: Low smoke Zero Halogen (LSZH)

CHARACTERISTICS

Voltage Rating: 25KV/44KV

Temperature Limits:

Maximum perm conductor temp 90°C

Maximum perm operating temp 130°C

Short Circuit temp 250°C

Minimum Bending Radius: As per cable manufacturer datasheet

Should not be installed at temperatures below 0°C or above +60°C

25/44 KV SINGLE CORE LSZH RAIL CABLE - DIMENSIONS

CCC CODE	RAIL CODE	CONDUCTOR SIZE (MM)	NUMBER OF CORES	WEIGHT (KG/KM)	APPROX OVERALL DIAMETER
25KVLSZH1X400BK	006/187803	400	1	6600	62
25KVLSZH1X630BK	-	630	1	9300	68

** COPPER WIRE METALLIC SCREEN APPLIED OVER THE CORE AND WRAPPED WITH COPPER TAPE (400MM)

CLEVELAND CABLE COMPANY

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