



# Caledonian

Railway Cables

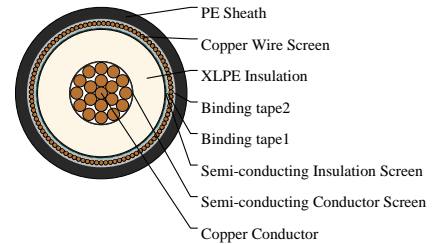
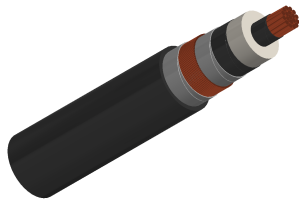
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## 12/20(24)KV Power Cables to CENELEC HD620 & C 33-226

XKDT Single Core 12/20KV Copper Conductor

RF33226-XKDT-12/20KV-1G50SCU



### APPLICATIONS

The cables are power cables for power networks, underground, outdoors and in cable ducting, in particular for installation where fire, smoke emission and toxic fumes create a potential threat.

### STANDARDS

CENELEC HD 620

C 33-226

### CABLE CONSTRUCTION

Conductor: Class 2 stranded plain copper conductor to BS EN 60228:2005(previously BS6360)

Conductor Screen: Semi-conducting material

Insulation: XLPE

Insulation Screen: Semi-conducting material

Metallic Screen: Copper wire screen

Filler: PETP (Polyethylene Terephthalate) fibres

Separator: Binding tape

Sheath: PE

### PHYSICAL AND THERMAL PROPERTIES

Minimum Bending Radius: 15xOD

Temperature Range: 0°C to +90°C (during operation); 0°C to +60°C (during installation)

### DIMENSION AND PARAMETERS

No. of Cores × Cross-sectional Area	No./Nominal Diameter of Strands	Nominal Insulation Thickness	Nominal Sheath Thickness	Nom. Overall Diameter	Approx. Weight	Max. DC Resistance at 20°C
No. × mm <sup>2</sup>	no./mm	mm	mm	mm	kg/km	Ω/km
1 x 50	19/1.78	5.5	2	29	1120	0.387



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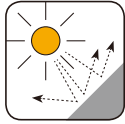
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Buried in Ground



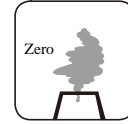
Laid In Ducts



UV Resistant



Water Resistant



Zero Halogen  
IEC 60754-1/EN 50267-2-1  
NF C20-454