



# Caledonian

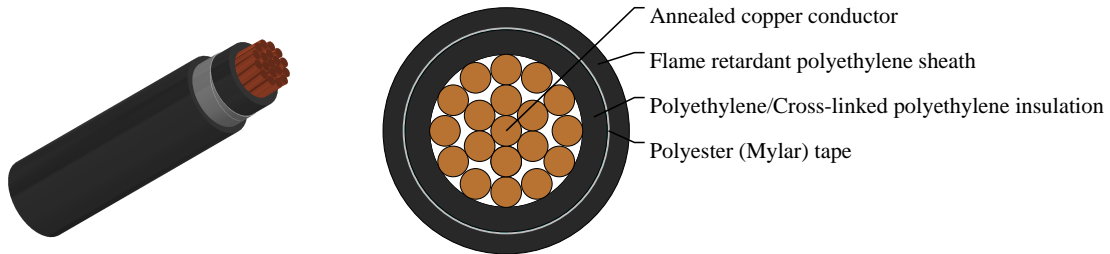
JIS Industrial Cables

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## JIS C 3605 Cables

EE/F(EM-EE) CE/F(EM-CE) 1C100



### APPLICATIONS

For general purpose power distribution in wet or dry locations, installed in air, in conduit or duct, or directly buried.

### CABLE CONSTRUCTION

Conductor: Circular, circular or segmental compacted stranded annealed copper wires

Separator: A proper separator may be applied to a conductor

Insulation: Polyethylene/Cross-linked polyethylene

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Sheath: Flame retardant polyethylene, Black color

Name Code:

E: Polyethylene C: Cross-linked polyethylene /F: Flame retardant polyethylene

### PHYSICAL AND THERMAL PROPERTIES

Maximum conductor temperature 90°C

Circuit voltage not exceeding 600 volts

Test voltage 2500 volts

### DIMENSION AND PARAMETERS

No. of Cores	Nominal Cross-sectional Area	No. and Dia. of Wires	Conductor Diameter	Nominal Insulation Thickness	Nominal Sheath Thickness	Approx. Overall Diameter	Approx. Weight	Max. DC Resistance at 20°C
	mm <sup>2</sup>	no./mm	mm	mm	mm	mm	kg/km	Ω/km
1	100	compacted	12	2	1.5	19	1100	0.183