



Caledonian

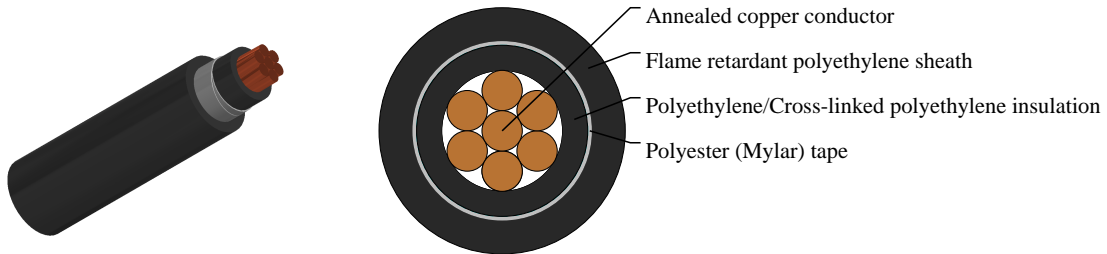
JIS Industrial Cables

www.caledonian-cables.com

marketing@caledonian-cables.com

JIS C 3605 Cables

EE/F(EM-EE) CE/F(EM-CE) 1C22



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 2000 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 ² | no./mm | mm | mm | mm | mm | kg/km | Ω/km |
| 1 | 22 | 7/2 | 6 | 1.2 | 1.5 | 11.5 | 290 | 0.824 |