



EEF/F(EM-EEF) CEF/F(EM-CEF)

Application and Description:

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

Name Code:

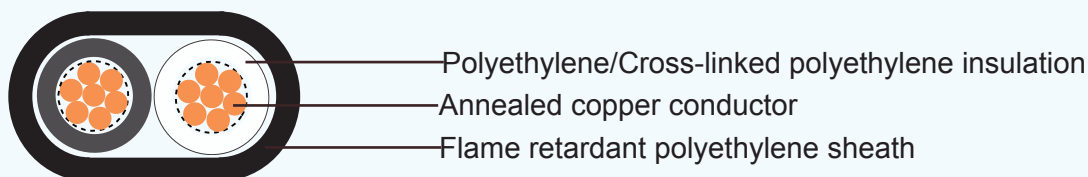
E: Polyethylene

C: Cross-linked polyethylene

F : Flat type

/F: Flame retardant polyethylene

Cable Construction:



Conductor: Solid or circular stranded annealed copper wires

Separator: A proper separator may be applied to a conductor

Insulation: Polyethylene/Cross-linked polyethylene

Color :

2 cores- Black and white

3 cores- Black, white and red

Filler: Non-hygroscopic material(optional)

Binding tape: Polyester (Mylar) tape (optional)

Sheath: Flame retardant polyethylene, Black color

Technical Characteristics:

Maximum conductor temperature 90°C

Circuit voltage not exceeding 600 volts

Caledonian Cables Manufacture

Cable Parameter

No. of cores	Nominal sectional area	No. of wire	Diameter of Conductor (approx.)	Thickness of insulation	Thickness of sheath	Overall diameter (approx.)	Maximum DC. resistance of Cdr. at 20°C	Test Voltage	Cable weight (approx.)
	mm ²		mm	mm	mm	mm	V	Ohm / km	kg / km
2	1.6	Solid	1.6	0.8	1.5	6.2x9.4	8.92	1500	95
	2	Solid	2	0.8	1.5	6.6x10.5	5.65	1500	120
	2.6	Solid	2.6	1	1.5	7.6 x12.5	3.35	1500	180
	3.2	Solid	3.2	1	1.5	8.2x13.5	2.21	1500	240
	2	7/0.6	1.8	0.8	1.5	6.4 x9.8	9.24	1500	100
	3.5	7/0.8	2.4	0.8	1.5	7.0x1 1.0	5.2	1500	140
	5.5	7/ 1.0	3	1	1.5	8.0x13.0	3.33	1500	195
	8	7/1.2	3.6	1	1.5	8.6 x14.5	2.31	1500	250
3	1.6	Solid	1.6	0.8	1.5	6.2 x13.0	8.92	1500	135
	2	Solid	2	0.8	1.5	6.6x14.0	5.65	1500	175
	2.6	Solid	2.6	1	1.5	7.6x17.0	3.35	1500	265
	3.2	Solid	3.2	1	1.5	8.2 x19	2.21	1500	355
	2	7/0.6	1.8	0.8	1.5	6.4 x13.5	9.24	1500	140
	3.5	7/0.8	2.4	0.8	1.5	7.0x15.0	5.2	1500	200
	5.5	7/ 1.0	3	1	1.5	8.0x18.0	3.33	1500	285
	8	7/1.2	3.6	1	1.5	8.6x20	2.31	1500	370

