



FRENCH STANDARD SERVICE BUNDLED CONDUCTOR

NF C 33-209

12 orderable sizes

STANDARD NF C 33-209	VOLTAGE CLASS 0.6/1 kV	CONDUCTOR 16 mm² aluminium, 25 mm² aluminium, 35 mm² aluminium, 50 mm² aluminium, 70 mm² aluminium, 95 mm² aluminium
INSULATION / JACKET Black weather resistant XLPE surface		

Construction

- 1 **Conductor (per core)** – Class 2 stranded aluminium conductor
- 2 **Core insulation** – XLPE insulation for aerial service conductors · Wall XLPE insulation for aerial service conductors mm

Size selection — all available cross-sections

Cable reference	Voltage class	Bundle layout	Phase conductor	Neutral / messenger	Insulation	Screen / support	Max DC resistance at 20 °C	Bundle OD guide	Weight guide
NF C 33-209 service ABC 0.6/1 kV 2 x phase + neutral messenger 16 mm ² 54.6 mm ² AAAC neutral messenger	0.6/1 kV	2 x phase + neutral messenger	16 mm ² stranded aluminium phase conductor	54.6 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	1.91 Ω/km	21 mm	0.60 kg/m
NF C 33-209 service ABC 0.6/1 kV 2 x phase + neutral messenger 25 mm ² 54.6 mm ² AAAC neutral messenger	0.6/1 kV	2 x phase + neutral messenger	25 mm ² stranded aluminium phase conductor	54.6 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	1.20 Ω/km	22 mm	0.68 kg/m
NF C 33-209 service ABC 0.6/1 kV 2 x phase + neutral messenger 35 mm ² 54.6 mm ² AAAC neutral messenger	0.6/1 kV	2 x phase + neutral messenger	35 mm ² stranded aluminium phase conductor	54.6 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	0.868 Ω/km	24 mm	0.77 kg/m
NF C 33-209 service ABC 0.6/1 kV 2 x phase + neutral messenger 50 mm ² 70 mm ² AAAC neutral messenger	0.6/1 kV	2 x phase + neutral messenger	50 mm ² stranded aluminium phase conductor	70 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	0.641 Ω/km	25 mm	0.95 kg/m

Cable reference	Voltage class	Bundle layout	Phase conductor	Neutral / messenger	Insulation	Screen / support	Max DC resistance at 20 °C	Bundle OD guide	Weight guide
NF C 33-209 service ABC 0.6/1 kV 2 x phase + neutral messenger 70 mm ² 70 mm ² AAAC neutral messenger	0.6/1 kV	2 x phase + neutral messenger	70 mm ² stranded aluminium phase conductor	70 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	0.443 Ω/km	27 mm	1.13 kg/m
NF C 33-209 service ABC 0.6/1 kV 2 x phase + neutral messenger 95 mm ² 95 mm ² AAAC neutral messenger	0.6/1 kV	2 x phase + neutral messenger	95 mm ² stranded aluminium phase conductor	95 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	0.320 Ω/km	29 mm	1.44 kg/m
NF C 33-209 service ABC 0.6/1 kV 4 x phase + neutral messenger 16 mm ² 54.6 mm ² AAAC neutral messenger	0.6/1 kV	4 x phase + neutral messenger	16 mm ² stranded aluminium phase conductor	54.6 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	1.91 Ω/km	22 mm	0.84 kg/m
NF C 33-209 service ABC 0.6/1 kV 4 x phase + neutral messenger 25 mm ² 54.6 mm ² AAAC neutral messenger	0.6/1 kV	4 x phase + neutral messenger	25 mm ² stranded aluminium phase conductor	54.6 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	1.20 Ω/km	24 mm	1.00 kg/m
NF C 33-209 service ABC 0.6/1 kV 4 x phase + neutral messenger 35 mm ² 54.6 mm ² AAAC neutral messenger	0.6/1 kV	4 x phase + neutral messenger	35 mm ² stranded aluminium phase conductor	54.6 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	0.868 Ω/km	25 mm	1.18 kg/m
NF C 33-209 service ABC 0.6/1 kV 4 x phase + neutral messenger 50 mm ² 70 mm ² AAAC neutral messenger	0.6/1 kV	4 x phase + neutral messenger	50 mm ² stranded aluminium phase conductor	70 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	0.641 Ω/km	26 mm	1.50 kg/m
NF C 33-209 service ABC 0.6/1 kV 4 x phase + neutral messenger 70 mm ² 70 mm ² AAAC neutral messenger	0.6/1 kV	4 x phase + neutral messenger	70 mm ² stranded aluminium phase conductor	70 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	0.443 Ω/km	28 mm	1.86 kg/m
NF C 33-209 service ABC 0.6/1 kV 4 x phase + neutral messenger 95 mm ² 95 mm ² AAAC neutral messenger	0.6/1 kV	4 x phase + neutral messenger	95 mm ² stranded aluminium phase conductor	95 mm ² AAAC neutral messenger	XLPE insulation for aerial service conductors	Neutral messenger load-bearing bundle	0.320 Ω/km	30 mm	2.39 kg/m