AUSTRALASIAN LV ABC

AS/NZS 3560 Part 1 | 14 orderable sizes

STANDARD	VOLTAGE CLASS	CONDUCTOR
AS/NZS 3560 Part 1	0.6/1 kV	16 mm² aluminium, 25 mm² aluminium, 35 mm² aluminium, 50 mm² aluminium, 70 mm² aluminium, 95 mm² aluminium, 120 mm² aluminium
INSULATION / JACKET		
Black UV resistant XLPE surface		

Construction

1. Conductor (per core) — Class 2 stranded aluminium conductor
2. Core insulation — UV stabilised XLPE insulation with rib identification · Wall UV stabilised XLPE insulation with rib identification 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
AS/NZS 3560 LV ABC 0.6/1 kV 2 core LV ABC 16 mm² 25 mm² insulated aluminium neutral	0.6/1 kV	2 core LV ABC	16 mm² stranded aluminium phase conductor	25 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	1.91 Ω/km	21 mm	0.50 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 2 core LV ABC 25 mm² 25 mm² insulated aluminium neutral	0.6/1 kV	2 core LV ABC	25 mm² stranded aluminium phase conductor	25 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	1.20 Ω/km	22 mm	0.58 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 2 core LV ABC 35 mm² 25 mm² insulated aluminium neutral	0.6/1 kV	2 core LV ABC	35 mm² stranded aluminium phase conductor	25 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.868 Ω/km	24 mm	0.68 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 2 core LV ABC 50 mm² 50 mm² insulated aluminium neutral	0.6/1 kV	2 core LV ABC	50 mm² stranded aluminium phase conductor	50 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.641 Ω/km	25 mm	0.89 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 2 core LV ABC 70 mm² 50 mm² insulated aluminium neutral	0.6/1 kV	2 core LV ABC	70 mm² stranded aluminium phase conductor	50 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.443 Ω/km	27 mm	1.07 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
AS/NZS 3560 LV ABC 0.6/1 kV 2 core LV ABC 95 mm² 70 mm² insulated aluminium neutral	0.6/1 kV	2 core LV ABC	95 mm² stranded aluminium phase conductor	70 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.320 Ω/km	29 mm	1.36 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 2 core LV ABC 120 mm² 70 mm² insulated aluminium neutral	0.6/1 kV	2 core LV ABC	120 mm² stranded aluminium phase conductor	70 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.253 Ω/km	30 mm	1.58 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 4 core LV ABC 16 mm² 25 mm² insulated aluminium neutral	0.6/1 kV	4 core LV ABC	16 mm² stranded aluminium phase conductor	25 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	1.91 Ω/km	22 mm	0.75 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 4 core LV ABC 25 mm² 25 mm² insulated aluminium neutral	0.6/1 kV	4 core LV ABC	25 mm² stranded aluminium phase conductor	25 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	1.20 Ω/km	24 mm	0.91 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 4 core LV ABC 35 mm² 25 mm² insulated aluminium neutral	0.6/1 kV	4 core LV ABC	35 mm² stranded aluminium phase conductor	25 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.868 Ω/km	25 mm	1.09 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 4 core LV ABC 50 mm² 50 mm² insulated aluminium neutral	0.6/1 kV	4 core LV ABC	50 mm² stranded aluminium phase conductor	50 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.641 Ω/km	26 mm	1.44 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 4 core LV ABC 70 mm² 50 mm² insulated aluminium neutral	0.6/1 kV	4 core LV ABC	70 mm² stranded aluminium phase conductor	50 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.443 Ω/km	28 mm	1.80 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 4 core LV ABC 95 mm² 70 mm² insulated aluminium neutral	0.6/1 kV	4 core LV ABC	95 mm² stranded aluminium phase conductor	70 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.320 Ω/km	30 mm	2.31 kg/m
AS/NZS 3560 LV ABC 0.6/1 kV 4 core LV ABC 120 mm² 70 mm² insulated aluminium neutral	0.6/1 kV	4 core LV ABC	120 mm² stranded aluminium phase conductor	70 mm² insulated aluminium neutral	UV stabilised XLPE insulation with rib identification	Self-supporting bundled construction	0.253 Ω/km	32 mm	2.76 kg/m