

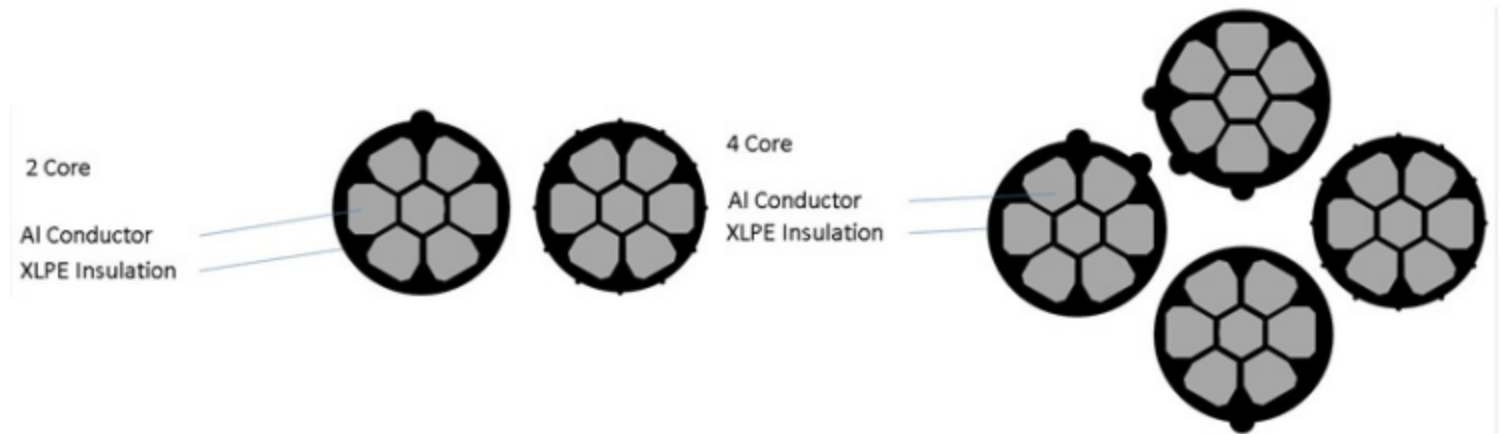
XLPE Insulated ABC Cable Application

AS/NZS 3560.1 0.6/1kV Aerial Bundled Cable is designed for residential and rural areas for reducing the bushfire hazards. The XLPE covering contains a high level of carbon black for UV resistance. It is designed for where reliability, safety and low installation cost are required, but it is only for short spans due to increased weight.

XLPE Insulated ABC Cable Standard

AS/NZS 3560.1

XLPE Insulated ABC Cable Construction



Conductor: The conductors shall be of aluminium 1350 wires and are compacted circular stranded (RM).

Insulation: XLPE.

Assembly: The cores shall be laid up with a left-hand lay.

Aerial Bundled Cable AS/NZS 3560.1 Dimensions

Number of cores x nominal cross section	min. breaking load of conductor strand	Current rating in the air	Outer diameter	Total weight
mm ²	kN	A	mm	kg/km
2x16 RM	4.4	78	15	140
2x25 RM	7	105	17.6	210
2x35 RM	9.8	125	19.6	270
2x50 RM	11.4	150	22.8	370
2x95 RM	15.3	230	30.6	680
3x25 RM	8.8	97	19	310
3x35 RM	9.8	120	21.1	410
3x50 RM	11.4	140	24.6	550
4x16 RM	8.8	74	18.1	290
4x25 RM	14	97	21.2	410
4x35 RM	19.6	120	23.7	550
4x50 RM	28	140	27.5	740
4x70 RM	39.2	175	31.9	1000
4x95 RM	53.2	215	36.9	1370
4x120 RM	67.2	250	40.6	1690
4x150 RM	84	280	43.9	2020