



## Aerial Bundled Cable



### Description :

Description	Aerial Bundled Cable(ABC)
Conductor:	Stranded Aluminum Conductor of Class 1/2 (Solid)
Insulation:	PVC/PE/XLPE Compound
Insulation Color	Black
Temperature Range:	-30 - 70°C
Nominal Voltage:	600/1000V
Test Voltage:	3500 V
Minimal Bending Radius:	12D
Standard	IEC 60552

### Application :

As a kind of overhead cable, air bundled cable is mainly used for power transmission and is used for urban construction. Such as street lighting power supply, outdoor lighting power supply and temporary construction services.



Technical data:

Nominal cross-section area	Conductor structure			Insulation material	Insulation Thickness	Approx. Overall Diameter	Approx. weight
	Phase (Compacted AL)	Neutral (bare ACSR)					
(mm <sup>2</sup> )	(No./mm)	Aluminum (No./mm)	Steel (No./mm)		(mm)	(mm)	(kg/km)
1x16+16	7/1.72	6/1.72	1/1.72	PVC/PE/XLPE	1.2	12.5	121.9
1x25+25	7/2.15	6/2.15	1/2.15	PVC/PE/XLPE	1.2	14.9	182.2
1x35+35	7/2.54	6/2.54	1/2.54	PVC/PE/XLPE	1.4	17.5	254.7
1x70+70	19/2.15	12/2.15	7/2.15	PVC/PE/XLPE	1.4	23.6	382.2
1x95+95	19/2.54	12/2.54	7/2.54	PVC/PE/XLPE	1.6	27.6	528.2
2x16+16	7/1.72	6/1.72	1/1.72	PVC/PE/XLPE	1.2	14.2	187.6
2x25+25	7/2.15	6/2.15	1/2.15	PVC/PE/XLPE	1.2	16.7	273.8
2x35+35	7/2.54	6/2.54	1/2.54	PVC/PE/XLPE	1.4	19.7	386.9
2x70+70	19/2.15	12/2.15	7/2.15	PVC/PE/XLPE	1.4	26.1	617.2
2x95+95	19/2.54	12/2.54	7/2.54	PVC/PE/XLPE	1.6	30.5	850.9
3x70+70	19/2.15	12/2.15	7/2.15	PVC/PE/XLPE	1.4	29.7	1024.3
3x95+95	19/2.54	12/2.54	7/2.54	PVC/PE/XLPE	1.6	34.6	



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Spec	Conductor structure		Insulation	Insulation Thickness	Approx Overall Diameter	Approx weight
	Phase (AL)	Neutral (AL)				
mm <sup>2</sup>	No./mm	No./mm		(mm)	(mm)	(kg/km)
1×10+1×10	7/1.35	7/1.35	PVC/PE/XLPE	1	10.1	71.5
1×16+1×16	7/1.72	7/1.72	PVC/PE/XLPE	1.2	12.5	110.1
1×25+1×25	7/2.15	7/2.15	PVC/PE/XLPE	1.2	14.9	163.9
1×35+1×35	7/2.54	7/2.54	PVC/PE/XLPE	1.4	17.5	229
1×50+1×50	7/2.92	7/2.92	PVC/PE/XLPE	1.4	20.1	300
1×70+1×70	19/2.15	19/2.15	PVC/PE/XLPE	1.4	23.6	423.2
1×95+1×95	19/2.54	19/2.54	PVC/PE/XLPE	1.6	27.6	585.4
2×16+1×16	7/1.72	7/1.72	PVC/PE/XLPE	1.2	14.2	175.8
2×25+1×25	7/2.15	7/2.15	PVC/PE/XLPE	1.2	16.7	258.4
2×35+1×35	7/2.54	7/2.54	PVC/PE/XLPE	1.4	19.7	361.2
2×50+1×50	7/2.92	7/2.92	PVC/PE/XLPE	1.4	22.5	472.1
2×70+1×70	19/2.15	19/2.15	PVC/PE/XLPE	1.4	26.1	658.3
2×95+1×95	19/2.54	19/2.54	PVC/PE/XLPE	1.6	30.5	908.2
3×16+1×16	7/1.72	7/1.72	PVC/PE/XLPE	1.2	16.3	241.5
3×25+1×25	7/2.15	7/2.15	PVC/PE/XLPE	1.2	19.1	353.6
3×35+1×35	7/2.54	7/2.54	PVC/PE/XLPE	1.4	22.5	493.5
3×50+1×50	7/2.92	7/2.92	PVC/PE/XLPE	1.4	25.7	644.1
3×70+1×70	19/2.15	19/2.15	PVC/PE/XLPE	1.4	29.7	895.2
3×95+1×95	19/2.54	19/2.54	PVC/PE/XLPE	1.6	34.6	1233