



CABLE MANUFACTURER
HENAN SANHENG INDUSTRIAL CO., LTD.

Office Tel: +86-0371-53395807
Whatsapp/Wechat: +86-18135696936
Email: sanheng@sanheng.cc
www.electrical-cable.com



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 :

The cable as a new-type aerial cable is used for transmitting electric power overhead, extensively used in rebuilding of an urban. Primarily used for overhead service applications such as street lighting, outdoor lighting, and temporary service for construction.



Technical data :

Nominal cross-section area	Conductor structure			Insulation material	Insulation Thickness (mm)	Approx. Overall Diameter (mm)	Approx. weight (kg/km)
	Phase (Compacted AL) (No./mm)	Neutral (bare ACSR)					
(mm ²)	(No./mm)	Aluminum (No./mm)	Steel (No./mm)				
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	



Spec	Conductor structure		Insulation	Insulation Thickness	Approx Overall Diameter	Approx weight
	Phase (AL)	Neutral (AL)				
mm ²	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