

**Application: Aerial bundle cable(ABC Cable)** has characters of power-transmitting and strong mechanical. In comparison with bare wire, aerial insulated cable boasts many advantages, such as : small span in laying, higher safe reliability, better atmosphere aging resistance property. **Aerial Bundle cable(ABC Cable)** has the priority to be used in urban and rural power-transmitting construction project.

**1kV Aerial Bundle cable(ABC Cable)**

**Standard:**IEC502、 IEC227

**Conductor:**aluminium , steel-Al

**Insulation Materials:** XLPE, HDPE

**Working Temperature :** 0 -90 ;

**Minimum Bending Radius:**

Overall diameter < 25mm:4×overall diameter;

Overall diameter ≥25mm: 6×overall diameter.

**Table-1 Al conductor Aerial Bundle Cable(ABC Cable)**

Cross Section mm <sup>2</sup>	Ref. Diameter mm	20 Conductor DC resistance Ω/km	Conductor Min Splitting Source N	Kg/km XLPE	HDPE
95	16.5	0.320	13727	358	359
120	18.0	0.253	17339	435	437
150	20.0	0.206	21033	512	514

**Table-2 Steel-Al conductor Aerial Bundle Cable(ABC Cable)**

10kV Aerial Insulated Cable(Insulated Overhead Cable)

Standard:GB14049-93

Conductor:aluminium , steel-Al

Insulation Materials: XLPE ,HDPE

Temperature :0 -90 ;

Minimum Bending Radius:

Single core cable:20×(overall diameter + overall conductor diameter) ±5%mm

Cross Section mm <sup>2</sup>	Ref. diameter mm	20 Conductor DC resistance Ω/km	Conductor Min Splitting Source N	Kg/km XLPE	HDPE
185/30	22.4	0.164	26732	766	768
240/30	25.0	0.1250	34679	943	945
300/40	28.6	0.100	43349	1134	1137

Table-1 Al conductor commom / light overhead cable Cross Section mm <sup>2</sup>	Ref. Diameter mm	Light	20 Conductor DC resistance Ω/km	Conductor Min Splitting Source N	Kg/km			
					XLPE	HDPE	Light XLPE	HDPE
185	26	23.4	0.164	26732	766	768	712	7156
240	28	25.6	0.1250	34679	943	945	885	889
300	30	27.8	0.100	43349	1134	1137	1069	1072

Table-2 Steel-Al	Ref. diameter mm	Kg/km			
		XLPE	HDPE	Light XLPE	HDPE

conductor commom /Commom		Light				
<b>light overhead cable</b>						
Cross Section mm <sup>2</sup>						
185/30	26.4	23.4	1003	1005	926	928
240/30	28.6	25.6	1251	1254	1169	1171
300/40	31.8	28.8	1524	1527	1433	1435

More about overhead cables, Please visited our website: <http://www.overhead-cable.com>

If you can not find what you want cable. Please contact our engineers ( Sarah Henley ), Whatever type of cable you need, ZMS Cable can provide a bespoke cable solution to your particular requirements. We also manufacture Overhead Conductor.If you need ACSR Conductor,AAC Conductor,all aluminum conductor,Aerial Bundle Cable....please visit to Overhead Conductor site.