

# Product Specifications

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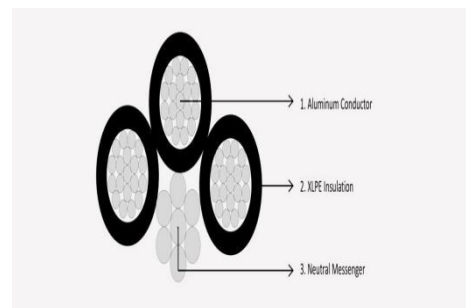


## 0.6/1KV ABC CABLE

### Standard

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- IEC60502
- NF C 33-209
- ICEA S-70-547
- ICEA S-76-474



### Application

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- Aerial Bundle Cable used in overhead power system mainly for public distribution or service as a service drop wire. It offers higher level of safety and reliability and lower power losses than bare conductors.
- Voltage Rating of aerial bundled cables is mainly U<sub>0</sub>/U(U<sub>m</sub>)0.6/1kV(1.2kV) or 600V (phase to phase).
- All the cables are insulated with weather-resistant XLPE, PE or PVC compounds. Normal service conductor temperature rating is of 70°C, 75°C or 90°C, etc.

### Features

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- ABC cable offers higher level of safety and reliability and lower power losses than bare conductors.
- Other important cable characteristics are ultraviolet radiation resistance, high dielectric strength, light and easy to handle

# Product Specifications

Core No. x Conductor size	Phase Core			Approx. Overall Dia.				Approx. Weight			
	Conductor	Insulation		Bare	Neutral	Insulated	Neutral	Bare	Neutral	Insulated	Neutral
No.s mm <sup>2</sup>	Str. No.	Dia.	Nominal Thickness	mm	mm	mm	mm	kg/km	kg/km	kg/km	kg/km
1x10+10	1	3.5	1.0	9.6		12.1		70		85	
1x16+16	7	5.1	1.2	12.6		15.0		110		133	
1x25+25	≥6	6.2	1.2	15.0		17.4		164		191	
1x35+35	≥6	7.2	1.4	17.5		20.4		227		265	
1x50+50	≥6	8.3	1.4	20.1		23.0		314		359	
1x70+70	≥12	10.0	1.4	23.5		26.3		433		483	
1x95+95	≥15	11.6	1.4	26.9		29.7		577		635	
1x120+120	≥15	13.0	1.6	30.4		33.6		731		806	
1x150+150	≥15	14.6	1.8	34.1		37.7		913		1007	
3x10+10	1	3.5	1.0	12.4		14.6		155		170	
3x16+16	7	5.1	1.2	16.7		18.1		243		265	
3x25+25	≥6	6.2	1.2	19.4		20.9		354		381	
3x35+35	≥6	7.2	1.4	22.6		24.4		490		529	
3x50+50	≥6	8.3	1.4	25.5		27.3		670		715	
3x70+70	≥12	10.0	1.4	29.6		31.3		913		963	
3x95+95	≥15	11.6	1.4	33.6		35.3		1208		1266	
3x120+120	≥15	13.0	1.6	37.9		39.8		1530		1604	
3x150+150	≥15	14.6	1.8	42.5		44.7		1914		2008	