

Safety Rules for Overhead Lines

No clearance is specified between fiber-optic supply cables (FOSC) meeting Rule 230F1b and supply and conductors. The FOSC may be attached to a supply conductor or cable at the pole or in the span, provided that the FOSC is positioned away from the supply conductor or cable to prevent abrasion damage. If the FOSC is not attached to the neutral in the span, midspan spacing shall be not less than that specified in Rule 235G.

Does not include neutral conductors meeting Rule 230E1

Table 235-5

Vertical clearance between conductors at supports

(When using column and row headings, voltages and phase to ground for effectively grounded circuits and those other circuits where all ground faults are cleared by promptly de-energizing the faulted section, both initially and following subsequent breaker operations. When calculating clearance values within the table, all voltages are between the conductors involved. See the definitions section for voltages of other systems. See also Rules 235A, 235C1, 235C2 ANS 235F.)

Conductors and cables usually at lower levels	Conductors and cables usually at upper levels			
	Supply cables meeting Rule 230C1, 230C2, or 230C3; neutral conductors meeting Rule 230E1; communications cables meeting Rule 224A2 (in)	Open supply conductors		
		0 to 8.7 kV® (in)	Over 8.7 kV to 50 kV	
			Same utility (in)	Different Utilities (in)
1. Communication conductors and cables				
a. Located in the communication space	40	40	40	40 plus 0.4 Per kV In excess of 8.7 kV
b. Located in the supply space	16	16	40	40 plus 0.4 Per kV In excess of 8.7 kV
2. Supply conductors & cables				
a. Open conductors 0 to 750V supply cables meeting Rule 230C1, 230C2, or 230C3; neutral conductors meeting Rule 230E1	16	16	16 plus 0.4 Per kV In excess of 8.7 kV	40 plus 0.4 Per kV In excess of 8.7 kV
b. Open conductors over 750V to 8.7kV			16 plus 0.4 Per kV In excess of 8.7 kV	40 plus 0.4 Per kV In excess of 8.7 kV
C. Open conductors over 750V to 8.7kV				

