

600V NS75/NS90 (Canadian standard)



Construction: The phase conductors are aluminum alloy 1350-H19, hard-drawn, compact, concentric lay stranded, 6 AWG to 500 kcmil in size. For type NS75/NS90, the insulation on the phase conductor(s) is crosslinked polyethylene (XLPE) with a 75°C/90°C temperature rating. The neutral conductor is aluminum conductor steel reinforced (ACSR). NS75/NS90 cables may have low-temperature poly-vinyl chloride (PVC) jacket. One, two or three phase conductors are cabled around the neutral conductor.



Application: NS75/NS90 are intended for use either as a service drop cable between a power pole and the service entrance, or as a secondary distribution cable between poles.



Rated Voltage: 600V



Operating Temperature: Max permissible continuous operating temperature of conductor shall not exceed 90°C.



Standard: CSA C22.2No.129 or other standards required by customers.



Packing: Steel/wooden reel, wooden reel or steel reel.



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Phase Conductor Size AWG or kcmil	ACSR-Neutral Conductor AWG or kcmil		Insulation Thickness, min. In.	Sheath Thickness, min. In.
	Full	Reduced		
6	6	-	0.041	0.68
4	4	6	0.041	0.68
2	2	4	0.041	0.68
1	1	2	0.054	0.041
1/0	1/0	2	0.054	0.041
2/0	2/0	1	0.054	0.041
3/0	3/0	1/0	0.054	0.041
4/0	4/0	2/0	0.054	0.041
266.8	266.8	3/0	0.072	0.041
336.4	336.4	4/0	0.072	0.058
397.5	397.5	266.8	0.072	0.058
477	477	336.4	0.072	0.058
500	500	397.5	0.072	0.058

Note: For sizes 4/0 and smaller, The aluminum strandeds of ACSR are compact.