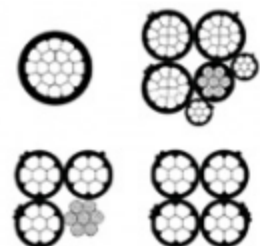


NFC 33-209 Cable Aérien Torsadé Application

The Cable Aérien Torsadé NFC 33-209 aerial bundled cables are used for overhead distribution line and electrical installations with alternating power networks with nominal voltage U_0/U 0.6/1kV or in direct power networks with maximum voltage according to land 0.9kV.

NFC 33-209 Cable Aérien Torsadé Construction



Phase Conductor: Aluminium conductor, round stranded compressed (RM).

Neutral Conductor: Alloy aluminium conductor (AlMgSi), round stranded compressed (RM).

Insulation: XLPE. Load-bearing / neutral core – marked with standard and producers phase core – marked with digits 1, 2, 3.

Assembly: Cores and the neutral, conductor stranded together in right-hand lay, additionally 1, 2 or 3 cores of reduced cross section can be co-stranded.

Cable Aérien Torsadé NFC Standard Specification

Number of Cores x Nominal Cross Section	Overall Diameter	Weight	Maximum Conductor Resistance	Minimum Breaking Load	Current Rating
No.x mm ²	mm	Kg/Km	Ω/Km	KN	A
2x10 RM	12.8	93	3.08	1.5	38
4x10 RM	15.4	183	3.08	1.5	38
2x16 RM	14.8	129	1.91	2.3	72
2x16 RN + 2x1.5 RE	14.8	176	1.910/12.100	2.3	72
4x16 RM	17.8	257	1.91	2.3	72
4x16 RN + 2x1.5 RE	17.8	304	1.910/12.100	2.3	72
2x25 RM	18	202	1.2	3.8	107
2x25 RM + 2x1.5 RE	18	249	1.200/12.100	3.8	107
4x25 RM	21.7	404	1.2	3.8	107
4x25 RM + 2x1.5 RE	21.7	451	1.200/12.100	3.8	107
2x35 RM	20.8	269	0.868	5.2	132
2x35 RM + 2x1.5 RE	20.8	316	0.868/12.100	5.2	132
4x35 RM	25.1	539	0.868	5.2	132
4x35 RM + 2x1.5 RE	25.1	586	0.868/12.100	5.2	132
2x50 RM	23.4	352	0.641	7.6	165
2x50 RM + 2x1.5 RE	23.4	399	0.641/12.100	7.6	165
1x54.6 RM + 3x25 RM	21.7	507	0.630/1.200	3.8	107
1x54.6 RM + 3x25 RM + 1x16 RM	24.3	573	0.630/1.200/1.910	3.8/2.3	107/72

1×54.6 RM + 3×25 RM + 2×16 RM	29.7	639	0.630/1.200/1.910	3.8/2.3	107/72
1×54.6 RM + 3×25 RM + 3×16 RM	31.1	705	0.630/1.200/1.910	3.8/2.3	107/72
1×54.6 RM + 3×35 RM	25.1	615	0.630/0.868	5.2	132
1×54.6 RM + 3×35 RM + 1×16 RM	28.1	680	0.630/0.868/1.910	5.2/2.3	132/72
1×54.6 RM + 3×35 RM + 2×16 RM	34.3	748	0.630/0.868/1.910	5.2/2.3	132/72
1×54.6 RM + 3×35 RM + 3×16 RM	35.9	814	0.630/0.868/1.910	5.2/2.3	132/72
1×54.6 RM + 3×35 RM + 1×25 RM	28.1	714	0.630/0.868/1.200	5.2/3.8	132/107
1×54.6 RM + 3×50 RM	28.2	741	0.630/0.641	7.6	165
1×54.6 RM + 3×50 RM + 1×16 RM	31.6	806	0.630/0.641/1.910	7.6/2.3	165/72
1×54.6 RM + 3×50 RM + 2×16 RM	38.6	875	0.630/0.641/1.910	7.6/2.3	165/72
1×54.6 RM + 3×50 RM + 3×16 RM	40.4	940	0.630/0.641/1.910	7.6/2.3	165/72
1×54.6 RM + 3×50 RM + 1×25 RM	31.6	841	0.630/0.641/1.200	7.6/3.8	165/107
1×54.6 RM + 3×70 RM	33	950	0.630/0.443	10.2	205
1×54.6 RM + 3×70 RM + 1×16 RM	37	1014	0.630/0.443/1.910	10.2/2.3	205/72
1×54.6 RM + 3×70 RM + 2×16 RM	45.2	1083	0.630/0.443/1.910	10.2/2.3	205/72
1×54.6 RM + 3×70 RM + 3×16 RM	47.3	1148	0.630/0.443/1.910	10.2/2.3	205/72
1×54.6 RM + 3×70 RM + 1×25 RM	37	1048	0.630/0.443/1.200	10.2/3.8	205/107
1×54.6 RM + 3×70 RM + 2×25 RM	45.2	1150	0.630/0.443/1.200	10.2/3.8	205/107
1×54.6 RM + 3×70 RM + 3×25 RM	47.3	1250	0.630/0.443/1.200	10.2/3.8	205/107
1×54.6 RM + 3×95 RM	37.4	1176	0.630/0.320	13.5	240
1×54.6 RM + 3×95 RM + 1×16 RM	41.9	1243	0.630/0.320/1.910	13.5/2.3	240/72