

NFA2X LV HD 626 S1 ABC Cable Application

The HD 626 S1 standard ABC Bundle Conductor Cable is a very innovative concept for overhead power distribution as compared to the conventional bare conductor overhead distribution system. It provides higher level of safety and reliability, lower power losses and ultimate system economy by reducing installation, maintenance and operative cost.

NFA2X LV HD 626 S1 ABC Cable Characteristics

1. Electrical performance: 0.6/1kV
2. Chemical performance: chemical, UV&oil resistance
3. Mechanical performance: Minimum bending radius: 18 x cable diameter
4. Terminal performance: Maximum service temperature: 90°C
Maximum short-circuit temperature: 250°C(Max.5s)
Minimum service temperature: -40°C

NFA2X LV HD 626 S1 ABC Cable Construction

Phase conductor: Stranded, rounded, compressed aluminum conductor(RM)

Phase Core identification: colour strip, rib or number

Neutral/Messenger conductor: Aluminum conductor AAC or all aluminum alloy conductor AAAC

Insulation: Black UV -resistant Crosslinked polyethylene(UV-XLPE)

NFA2X LV HD 626 S1 ABC Cable Standard

HD 626 S1

NFA2X LV HD 626 S1 ABC Cable Dimensions

NUMBER OF CORES X NOMINAL CROSS SECTION	MIN. BREAKING LOAD OF CONDUCTOR STRAND	CURRENT RATING IN THE AIR	OUTER DIAMETER	TOTAL WEIGHT
MM ²	KN	A	MM	KG/KM
2x 16 RM	1,910	2,5	72	147
2x 25 RM	1,200	4,0	107	208
2x 35 RM	0,868	5,5	132	277
2x 50 RM	0,641	8,0	165	361
4x 16 RM	1,910	2,5	72	286
4x 25 RM	1,200	4,0	107	430
4x 35 RM	0,868	5,5	132	553
4x 50 RM	0,641	8,0	165	746
4x 70 RM	0,443	10,7	205	1009
4x 95 RM	0,320	13,7	240	1332
4x 120 RM	0,253	18,6	290	1632
4x 35 + 1x 35 RM	0,868/0,868	5,5/5,5	132/132	694
4x 50 + 1x 25 RM	0,641/1,200	8,0/4,0	165/107	814
4x 50 + 1x 35 RM	0,641/0,868	8,5/5,5	165/132	845
4x 70 + 1x 25 RM	0,443/1,200	10,7/4,0	205/107	1105
4x 70 + 2x 25 RM	0,443/1,200	10,7/4,0	205/107	1217
4x 70 + 1x 35 RM	0,443/0,868	10,7/5,5	205/132	1150
4x 70 + 2x 35 RM	0,443/0,868	10,7/5,5	205/132	1289
4x 95 + 1x 25 RM	0,320/1,200	13,7/4,0	240/107	1438
4x 95 + 1x 35 RM	0,320/0,868	13,7/5,5	240/132	1467
4x 95 + 2x 25 RM	0,320/1,200	13,7/4,0	240/107	1544

Other cross-sections on request