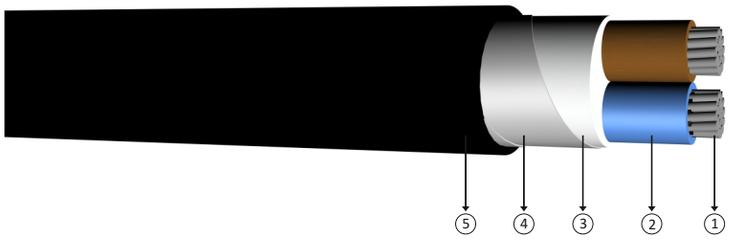
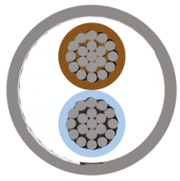
0.6/1 kV PVC insulated, double steel tape armoured, multi-core cables with aluminium conductor





Code: YAVZ4V-R, AL/PVC/DSTA/PVC, NAYBY

R: Stranded Conductor Rigid

Standards: IEC 60502 - 1

Technical Data

Max. operating temperature	: 70 °C
Max. short circuit temperature	: (max. 5 sec.)
Kesit < 300 mm^2	: 160 °C
Kesit > 300 mm^2	: 140 °C
Rated voltage	: 0.6/1 kV
Min. bending radius	: 15 x D
D	: Cable outer diameter

Application

Indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

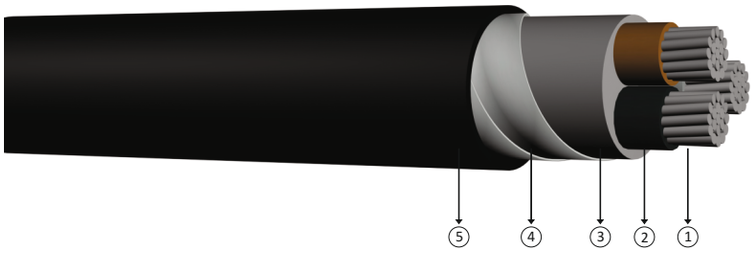
Construction

1. Stranded aluminium conductor
2. PVC insulation
3. Filler
4. Galvanized double steel tape
5. PVC outer jacket

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES		
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)
mm ²	mm	kg/km	m	ohm/km	Havada 30 °C
2x25	24,0	900	1000	1,20	91
2x35	26,0	1100	1000	0,868	113
2x50	30,0	1400	1000	0,641	138
2x70	33,5	1750	1000	0,443	174
2x95	38,0	2250	1000	0,320	210
2x120	42,5	2950	1000	0,253	244
2x150	46,5	3550	1000	0,206	281
2x185	51,0	4250	1000	0,164	320
2x240	57,0	5200	500	0,125	378

Note : Current carrying capacities are valid under the following conditions;
In ground : 20 °C, 70 cm depth of lay, soil-thermal resistivity 1 K.m/W, load factor 0.7
In air : 30 °C, load factor 1.0
Number of system : 1

0.6/1 kV PVC insulated, double steel tape armoured, multi-core cables with aluminium conductor



Code: YAVZ4V-R, AL/PVC/DSTA/PVC, NAYBY

R: Stranded Conductor Rigid

Standards: IEC 60502 - 1

Technical Data

Max. operating temperature	: 70 °C
Max. short circuit temperature	: (max. 5 sec.)
Kesit < 300 mm^2	: 160 °C
Kesit > 300 mm^2	: 140 °C
Rated voltage	: 0.6/1 kV
Min. bending radius	: 15 x D
D	: Cable outer diameter

Application

Indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

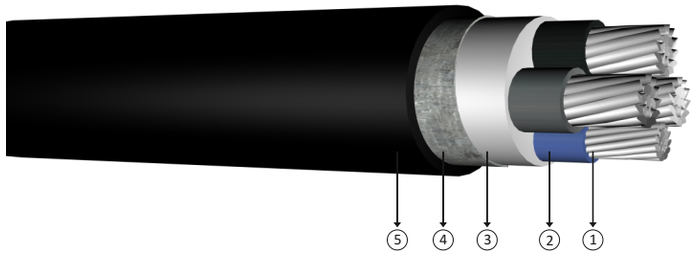
Construction

1. Stranded aluminium conductor
2. PVC insulation
3. Filler
4. Galvanized double steel tape
5. PVC outer jacket

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES			
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
3x25	25,0	1050	1000	1,20	99	83
3x35	27,5	1250	1000	0,868	118	102
3x50	32,0	1600	1000	0,641	142	124
3x70	36,0	2050	1000	0,443	176	158
3x95	42,0	2900	1000	0,320	211	190
3x120	45,0	3400	1000	0,253	242	221
3x150	50,0	4150	1000	0,206	270	252
3x185	55,0	4900	500	0,164	308	289
3x240	61,5	6100	500	0,125	363	339
3x300	67,5	7300	500	0,100	412	377
3x400	76,5	9300	500	0,0778	475	444

Note : Current carrying capacities are valid under the following conditions;
In ground : 20 °C, 70 cm depth of lay, soil-thermal resistivity 1 K.m/W, load factor 0.7
In air : 30 °C, load factor 1.0
Number of system : 1

0.6/1 kV PVC insulated, double steel tape armoured, multi-core cables with aluminium conductor



Code: YAVZ4V-R, AL/PVC/DSTA/PVC, NAYBY

R: Stranded Conductor Rigid

Standards:IEC 60502 - 1

Technical Data

Max. operating temperature	: 70 °C
Max. short circuit temperature	: (max. 5 sec.)
Kesit < 300 mm^2	: 160 °C
Kesit > 300 mm^2	: 140 °C
Rated voltage	: 0.6/1 kV
Min. bending radius	: 15 x D
D	: Cable outer diameter

Application

Indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

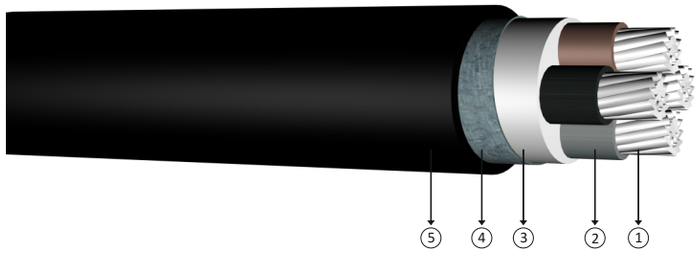
Construction

1. Stranded aluminium conductor
2. PVC insulation
3. Filler
4. Galvanized double steel tape
5. PVC outer jacket

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES			
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
3x25+16	26,5	1150	1000	1,20	99	83
3x35+16	28,5	1300	1000	0,868	118	102
3x50+25	33,0	1750	1000	0,641	142	124
3x70+35	37,5	2200	1000	0,443	176	158
3x95+50	43,5	3150	1000	0,320	211	190
3x120+70	47,5	3800	1000	0,253	242	221
3x150+70	51,5	4400	500	0,206	270	252
3x185+95	57,0	5300	500	0,164	308	289
3x240+120	63,5	6550	500	0,125	363	339
3x300+150	70,0	7900	500	0,100	412	377
3x400+185	79,0	9900	500	0,0778	475	444

Note : Current carrying capacities are valid under the following conditions;
In ground : 20 °C, 70 cm depth of lay, soil-thermal resistivity 1 K.m/W, load factor 0.7
In air : 30 °C, load factor 1.0
Number of system : 1

0.6/1 kV PVC insulated, double steel tape armoured, multi-core cables with aluminium conductor



Code: YAVZ4V-R, AL/PVC/DSTA/PVC, NAYBY

R: Stranded Conductor Rigid

Standards: IEC 60502 - 1

Technical Data

Max. operating temperature	: 70 °C
Max. short circuit temperature	: (max. 5 sec.)
Kesit < 300 mm^2	: 160 °C
Kesit > 300 mm^2	: 140 °C
Rated voltage	: 0.6/1 kV
Min. bending radius	: 15 x D
D	: Cable outer diameter

Application

Indoors and outdoors, in cable ducts, underground, in power or switching stations, local energy distributions, industrial plants, where there is risk of mechanical damage.

Construction

1. Stranded aluminium conductor
2. PVC insulation
3. Filler
4. Galvanized double steel tape
5. PVC outer jacket

DIMENSION AND WEIGHTS			ELECTRICAL PROPERTIES			
Nominal Cross Section	Overall Diameter (approx)	Net Weight (approx)	Delivery Length	DC Conductor Resistance at 20 °C Max	Current Carrying Capacity (A)	
mm ²	mm	kg/km	m	ohm/km	In ground at 20 °C	In air at 30 °C
4x25	27,5	1200	1000	1,20	99	83
4x35	30,0	1450	1000	0,868	118	102
4x50	35,5	2000	1000	0,641	142	124
4x70	40,5	2750	1000	0,443	176	158
4x95	46,0	3500	1000	0,320	211	190
4x120	50,0	4150	1000	0,253	242	221
4x150	55,5	5000	500	0,206	270	252
4x185	61,0	6000	500	0,164	308	289
4x240	68,0	7450	500	0,125	363	339
4x300	75,0	8950	500	0,100	412	377
4x400	85,0	11400	250	0,0778	475	444

Note : Current carrying capacities are valid under the following conditions;
In ground : 20 °C, 70 cm depth of lay, soil-thermal resistivity 1 K.m/W, load factor 0.7
In air : 30 °C, load factor 1.0
Number of system : 1