



ROMCABLU

# ROMCABLU Srl.

vanzari@romcablu.com - rom.cablu@hotmail.com  
www.romcablu.com www.rom-cablu.ro



## Cabluri de energie | Power cable CYY-F, CYEY-F, CYEABY-F, CYABY-F CYY, CYEY, CYEABY, CYABY



### Constructie

1. Conductor de cupru uni/multifilar( cl.1, 2) (C)
2. Izolatie din PVC (Y)
3. Umplutura
  - Ecran din banda de cupru (E)
  - Manta interioara din PVC (Y)
  - Amatura din banda de otel (AbY)
4. Manta exterioara din PVC (Y)

### Specificatia tehnica

Tensiunea nom.: 0,6/1 KV  
 Temperatura de lucru: min. -40°C max. +70°C  
 Temperatura minima:  
 - instalare si manipulare: +4 °C  
 - depozitare: -40 °C  
 Temperatura max. de depozitare: +40 °C  
 Standard de fabricatie: SR CEI 60502-1  
 Identificare conductori conf. HD 308  
 Utilizare: in instalatii fixe exterioare ingropate in pamant sau sub tencuiala.  
 Culoarea mantalei: negru, gri  
 Ambalare: colaci de 100, tamburi din lemn.  
 Rezistenta la propagarea flacarii conf. SR CEI 60332.1

### Construction

1. Solid / multiwire copper conductor( cl.1, 2) (C)
2. PVC insulation (Y)
3. Filler
  - Copper foil screen (E)
  - Inner PVC sheath (Y)
  - Armour of steel tape (AbY)
4. Outer PVC sheath (Y)

### Technical specification

Rated voltage: 0,6/1 KV  
 Operating temperature: min. -40°C max. +70°C  
 Min. temperature:  
 - with installation and handling: +4 °C  
 - storage: -40 °C  
 Max. storage temperature: +40 °C  
 Manufacturing standard: SR CEI 60502-1  
 Core identification acc. to HD 308  
 Use: for fixed outdoor installations in ground or in concrete  
 Colour of sheath: black, grey  
 Standard packing: coils 100, drums, reels  
 Flame retardation according to SR CEI 60332.1

Conductori Cores (nxmm <sup>2</sup> )	Forma (Shape) conducto	Grosime izolatie Insulation thickness (mm)	Grosime manta (mm) sheath thickness(mm)	Ø exterior Outer Ø (mm)	Greutate Weight kg/km	Max.cond. resistance (ohm/km)	Sarcina Current carrying Capacity(A)
CYY-F 1x1.5	ru	0.8	1.4	5.7	51	12.1	23
CYY-F 1x2.5	ru	0.8	1.4	6.1	63	7.41	32
CYY-F 1x4	ru	1	1.4	6.9	87	4.62	42
CYY-F 1x6	ru	1	1.4	7.4	110	3.08	53
CYY-F 1x10	ru	1	1.4	8.1	151	1.83	74
CYY-F 1x16	ru	1	1.4	9.1	215	1.15	105
CYY-F 1x25	rm	1.2	1.8	12.5	365	0.727	146
CYY-F 1x35	rm	1.2	1.8	13.5	449	0.524	185
CYY-F 1x50	rm	1.4	1.8	15.5	616	0.387	219

ru - Conductor rotund unifilar | round solid conductor  
 rm - Conductor rotund multifilar | round stranded conductor  
 sm - Conductor sector multifilar | stranded sector shaped conductor



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Conductori Cores (n x mm <sup>2</sup> )	Forma (Shape) conducto	Grosime izolatie Insulation thickness (mm)	Grosime manta (mm) sheath thickness(mm)	Ø exterior Outer Ø (mm)	Greutate Weight kg/km	Max.cond. resistance (ohm/km)	Sarcina Current carrying Capacity(A)
CYY-F 1x70	rm	1.4	1.8	17.3	834	0.268	281
CYY-F 1x95	rm	1.6	1.8	19.3	1068	0.193	341
CYY-F 1x120	rm	1.6	1.8	21.1	1338	0.153	396
CYY-F 1x150	rm	1.8	1.8	23	1603	0.124	456
CYY-F 1x185	rm	2	1.8	25.2	1963	0.0991	521
CYY-F 1x240	rm	2.2	1.9	28.5	2571	0.0754	615
CYY-F 2x1.5	ru	0.8	1.4	9.3	133	12.1	23
CYY-F 2x2.5	ru	0.8	1.4	10	168	7.41	32
CYY-F 2x4	ru	1	1.8	12.8	273	4.62	42
CYY-F 2x6	ru	1	1.8	13.8	338	3.08	53
CYY-F 2x10	ru	1	1.8	15.3	452	1.83	74
CYY-F 2x16	ru	1	1.8	17.2	624	1.15	88
CYY-F 2x25	rm	1.2	1.8	22.4	1025	0.727	101
CYY-F 3x1.5	ru	0.8	1.4	9.7	154	12.1	23
CYY-F 3x2.5	ru	0.8	1.8	11.8	233	7.41	32
CYY-F 3x4	ru	1	1.8	13.5	322	4.62	42
CYY-F 3x6	ru	1	1.8	14.5	406	3.08	53
CYY-F 3x10	ru	1	1.8	16.2	554	1.83	74
CYY-F 3x16	ru	1	1.8	18.2	780	1.15	80
CYY-F 3x25	rm	1.2	1.8	23.9	1278	0.727	101
CYY-F 3x25/16	rm/ru	1.2	1.8	26.2	1552	0.727	101
CYY-F 3x35	rm	1.2	1.8	25.9	1578	0.524	126
CYY-F 3x35/16	rm/ru	1.2	1.8	28.5	1888	0.524	126
CYY-F 3x50/25	sm/rm	1.4	1.8	25.6	1977	0.387	153
CYY-F 3x70/35	sm/rm	1.4	1.9	28.8	2688	0.268	196
CYY-F 4x1.5	ru	0.8	1.8	11.7	219	12.1	23
CYY-F 4x2.5	ru	0.8	1.8	12.6	278	7.41	32
CYY-F 4x4	ru	1	1.8	14.5	390	4.62	42
CYY-F 4x6	ru	1	1.8	15.7	496	3.08	53
CYY-F 4x10	ru	1	1.8	17.5	685	1.83	74
CYY-F 4x16	ru	1	1.8	19.8	976	1.15	80
CYY-F 4x25	rm	1.2	1.8	26.2	1603	0.727	101
CYY-F 4x25/16	rm/ru	1.2	1.9	28.9	1922	0.727	101
CYY-F 4x35	rm	1.2	1.8	28.5	1989	0.524	126
CYY-F 4x35/16	rm/ru	1.2	2	31.7	2367	0.524	126
CYY-F 4x50	sm	1.4	1.8	25.6	2130	0.387	153
CYY-F 5x1.5	ru	0.8	1.8	12.5	256	12.1	21
CYY-F 5x2.5	ru	0.8	1.8	13.6	327	7.41	30
CYY-F 5x4	ru	1	1.8	15.7	464	4.62	42
CYY-F 5x6	ru	1	1.8	17	595	3.08	53
CYY-F 5x10	ru	1	1.8	19	828	1.83	74
CYY-F 5x16	ru	1	1.8	21.6	1187	1.15	80
CYY-F 5x25	rm	1.2	1.9	28.9	1973	0.727	101
CYY-F 5x35	rm	1.2	2	31.7	2468	0.524	175



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Conductori Cores (nxmm <sup>2</sup> )	Forma (Shape) conduct	Grosime izolatie Insulation thickness (mm)	Grosime manta (mm) sheath thickness(mm)	Ø exterior Outer Ø (mm)	Greutate Weight kg/km	Max.cond. resistance (ohm/km)	Sarcina Current carrying Capacity(A)
CYEABY-F 4X1.5	ru	0.8	1.8	14	378	12.1	23
CYEABY-F 4X2.5	ru	0.8	1.8	14.9	450	7.41	32
CYEABY-F 4X4	ru	1	1.8	16.8	590	4.62	42
CYEABY-F 4X6	ru	1	1.8	18	715	3.08	53
CYEABY-F 4X10	ru	1	1.8	19.8	931	1.83	74
CYEABY-F 4X16	ru	1	1.8	22.1	1255	1.15	80
CYEABY-F 4X25	rm	1.2	1.8	28.5	1976	0.727	101
CYEABY-F 5X1.5	ru	0.8	1.8	14.8	427	12.1	21
CYEABY-F 5X2.5	ru	0.8	1.8	15.9	514	7.41	30
CYEABY-F 5X4	ru	1	1.8	18	682	4.62	42
CYEABY-F 5X6	ru	1	1.8	19.3	832	3.08	53
CYEABY-F 5X10	ru	1	1.8	21.3	1096	1.83	74
CYEABY-F 5X16	ru	1	1.8	23.9	1493	1.15	80
CYABY-F 1X10	ru	1	1.6	11.4	271	1.83	74
CYABY-F 1X16	ru	1	1.8	12.7	360	1.15	105
CYABY-F 1X25	rm	1.2	1.8	15.3	524	0.727	146
CYABY-F 1X35	rm	1.2	1.8	16.3	620	0.524	185
CYABY-F 1X50	rm	1.4	1.8	18.3	812	0.387	219
CYABY-F 1X70	rm	1.4	1.8	20.1	1053	0.268	281
CYABY-F 2x1.5	ru	0.8	1.5	12	252	12.1	23
CYABY-F 2x2.5	ru	0.8	1.5	12.7	295	7.41	32
CYABY-F 2x4	ru	1	1.8	15.1	414	4.62	42
CYABY-F 2x6	ru	1	1.8	16.1	490	3.08	53
CYABY-F 2x10	ru	1	1.8	17.6	621	1.83	74
CYABY-F 2x16	ru	1	1.8	19.5	814	1.15	88
CYABY-F 2x25	rm	1.2	1.8	24.7	1274	0.727	101
CYABY-F 3x1.5	ru	0.8	1.5	12.4	278	12.1	23
CYABY-F 3x2.5	ru	0.8	1.8	14.1	362	7.41	32
CYABY-F 3x4	ru	1	1.8	15.8	471	4.62	42
CYABY-F 3x6	ru	1	1.8	16.8	566	3.08	53
CYABY-F 3x10	ru	1	1.8	18.5	733	1.83	74
CYABY-F 3x16	ru	1	1.8	20.5	982	1.15	80
CYABY-F 3x25	rm	1.2	1.8	26.2	1543	0.727	101
CYABY-F 4x1.5	ru	0.8	1.8	14	347	12.1	23
CYABY-F 4x2.5	ru	0.8	1.8	14.9	416	7.41	32
CYABY-F 4x4	ru	1	1.8	16.8	550	4.62	42
CYABY-F 4x6	ru	1	1.8	18	670	3.08	53
CYABY-F 4x10	ru	1	1.8	19.8	879	1.83	74
CYABY-F 4x16	ru	1	1.8	22.1	1196	1.15	80
CYABY-F 4x25	rm	1.2	1.8	28.5	1894	0.727	101
CYABY-F 5x1.5	ru	0.8	1.8	14.8	393	12.1	21
CYABY-F 5x2.5	ru	0.8	1.8	15.9	476	7.41	30
CYABY-F 5x4	ru	1	1.8	18	637	4.62	42
CYABY-F 5x6	ru	1	1.8	19.3	783	3.08	53
CYABY-F 5x10	ru	1	1.8	21.3	1039	1.83	74
CYABY-F 5x16	ru	1	1.8	23.9	1427	1.15	80



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