

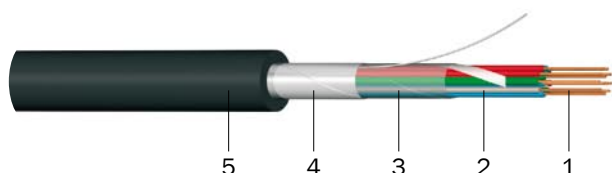
F-2YA2Y

Underground cable, screened

Standard: similar to Telekom Austria standard

Application:

Underground cable for telecommunication systems and similar facilities.



Construction:

- 1 Copper conductor, single wire
- 2 Insulation (PE), cores stranded to quads, quads stranded in layers
- 3 Taping (plastic tape)
- 4 Screen (aluminium/plastic laminate tape with drain wire)
- 5 Sheath (PE, black, UV-resistant)



Operating voltage: max. 200 Veff



Test voltage: A/A 500 Veff
A/S 2000 Veff



Temperature range:

During installation: min. -20 °C
Operating temperature: moved -20 °C to +50 °C
fixed -20 °C to +70 °C
Conductor temperature: max. +80 °C



Bending radius (min.): 10 x Ø of the cable



Core identification:

Colour code with defined counting quad in each layer

Electrical data

	(mm)	0.6	0.8
Nominal cross section	(mm)	0.6	0.8
Loop resistance max.	(Ω/km)	130	73.2
Insulation resistance, min.	(MΩ.km)	10,000	10,000
Mutual capacitance max. at 800 Hz	(nF/km)	55	55
Capacitance imbalance K_1 , max. at 800 Hz	(pF/300 m)	800	800
Capacitance imbalance K_9-K_{12} , max. at 800 Hz	(pF/300 m)	300	300
Capacitance imbalance E_1-E_2 , max. at 800 Hz	(pF/300 m)	800	800

Number of circuits x Nominal cross section (mm)	Outer diameter (mm) appr.	Cu- value (kg/km)	Total weight (kg/km) appr.	Standard lengths/ packing (m)	Price (EUR/km)
F-2YA2Y					
2 x 2 x 0.6	7.7	13	46	500 T, 1000 T	1,135.67
6 x 2 x 0.6	9.0	36	82	500 T, 1000 T	2,133.46
10 x 2 x 0.6	10.4	59	120	500 T, 1000 T	2,913.54
20 x 2 x 0.6	13.2	115	194	500 T, 1000 T	4,333.42
30 x 2 x 0.6	15.5	172	275	500 T, 1000 T	5,707.36
40 x 2 x 0.6	17.1	228	347	500 T, 1000 T	7,197.39
50 x 2 x 0.6	19.0	285	430	500 T, 1000 T	8,417.71
60 x 2 x 0.6	21.0	342	510	500 T, 1000 T	9,739.63

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F-2YA2Y					
80 x 2 x 0.6	23.0	455	650	500 T, 1000 T	12,500.78
100 x 2 x 0.6	24.9	568	771	500 T, 1000 T	14,727.38
2 x 2 x 0.8	8.5	22	63	500 T, 1000 T	1,920.60
6 x 2 x 0.8	11.0	62	129	500 T, 1000 T	3,082.86
10 x 2 x 0.8	12.5	103	186	500 T, 1000 T	4,222.16
20 x 2 x 0.8	16.0	203	310	500 T, 1000 T	6,772.87
30 x 2 x 0.8	18.0	304	424	500 T, 1000 T	7,999.24
40 x 2 x 0.8	20.5	404	575	500 T, 1000 T	10,207.68
50 x 2 x 0.8	26.0	505	678	500 T, 1000 T	12,336.30
60 x 2 x 0.8	28.0	606	781	500 T, 1000 T	14,278.67
80 x 2 x 0.8	31.0	807	1,049	500 T, 1000 T	18,373.84
100 x 2 x 0.8	34.0	1,008	1,312	500 T, 1000 T	22,038.44

Subject to technical changes. All figures are therefore without guarantee.