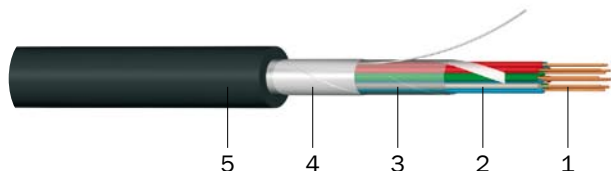


F-2YA2Y

Underground cable, screened
Standard: adapted to Telecom Austria-Standard






Usage:

Underground cable for use in telecommunications installations and related installations. Suitable for installation under ground, in water, cable ducts etc.



Construction:

- 1 Copper conductor, round solid (RE)
- 2 Core insulation (PE), cores pair stranded, pairs stranded in layers
- 3 Inner covering (plastic tape)
- 4 Screen (plastic laminated aluminium tape with drain wire)
- 5 Sheath (PE black, UV-resistant)

-  **Rated voltage:** max. 200 Veff
-  **Test voltage:** core/core 500 Veff
core/screen 2000 Veff
-  **Temperature range:** laying temperature: min. -20 °C
operating temperature: -20 °C to +70 °C
-  **Bending radius (min.):** 10 x Ø of cable
-  **Core identification:** colour code with trace quad in each layer (TA standard)

Electrical parameters

Conductor diameter	(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 unbalance K_1 , max. at 800 Hz	(pF/300 m)	800	800
Capacitance unbalance K_{9-12} , max. at 800 Hz	(pF/300 m)	300	300
Capacitance unbalance E_1-E_2 at 800 Hz	(pF/300 m)	800	800

Number of pairs x nominal diameter (mm)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/packing (m)
F-2YA2Y				
2 x 2 x 0.6	7.7	13	46	500 T, 1000 T
6 x 2 x 0.6	10.2	36	92	500 T, 1000 T
10 x 2 x 0.6	12.0	59	123	500 T, 1000 T
20 x 2 x 0.6	13.2	115	198	500 T, 1000 T
30 x 2 x 0.6	15.5	172	279	500 T, 1000 T
40 x 2 x 0.6	17.1	228	352	500 T, 1000 T
50 x 2 x 0.6	19.0	285	435	500 T, 1000 T
60 x 2 x 0.6	21.0	342	516	500 T, 1000 T
80 x 2 x 0.6	23.0	455	671	500 T, 1000 T
100 x 2 x 0.6	24.6	568	796	500 T, 1000 T

F-2YA2Y

Number of pairs x nominal diameter (mm)	Outer diameter (mm) ca.	Metal weight (kg/km)	Total weight (kg/km) ca.	Standard lengths/ packing (m)
F-2YA2Y				
2 x 2 x 0.8	8.5	22	60	500 T, 1000 T
6 x 2 x 0.8	11.0	62	131	500 T, 1000 T
10 x 2 x 0.8	14.0	103	187	500 T, 1000 T
20 x 2 x 0.8	16.5	203	322	500 T, 1000 T
30 x 2 x 0.8	18.0	304	433	500 T, 1000 T
40 x 2 x 0.8	22.0	404	566	500 T, 1000 T
50 x 2 x 0.8	26.0	505	684	500 T, 1000 T
60 x 2 x 0.8	28.0	606	804	500 T, 1000 T
80 x 2 x 0.8	31.0	807	1,056	500 T, 1000 T
100 x 2 x 0.8	34.0	1,008	1,312	500 T, 1000 T

Subject to technical changes.