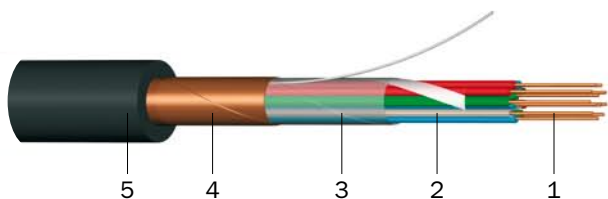


F-2YC2Y

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 (copper tape)
- 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: in motion -20 °C to +50 °C
 fixed -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

	(mm)	0.6	0.8
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-2YC2Y				
2 x 2 x 0.6	7.0	32.0	52	500 T, 1000 T
6 x 2 x 0.6	10.2	70.0	112	500 T, 1000 T
10 x 2 x 0.6	13.0	97.0	147	500 T, 1000 T
20 x 2 x 0.6	15.0	173.0	243	500 T, 1000 T
30 x 2 x 0.6	16.5	242.0	322	500 T, 1000 T
40 x 2 x 0.6	17.7	305.0	402	500 T, 1000 T
50 x 2 x 0.6	20.0	370.5	484	500 T, 1000 T
60 x 2 x 0.6	21.0	433.0	556	500 T, 1000 T
80 x 2 x 0.6	23.2	556.0	729	500 T, 1000 T
100 x 2 x 0.6	26.0	682.0	877	500 T, 1000 T

F-2YC2Y

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-2YC2Y				
2 x 2 x 0.8	8.5	50.0	75	500 T, 1000 T
6 x 2 x 0.8	11.5	104.5	148	500 T, 1000 T
10 x 2 x 0.8	13.4	160.0	221	500 T, 1000 T
20 x 2 x 0.8	17.0	279.0	372	500 T, 1000 T
30 x 2 x 0.8	18.5	392.0	511	500 T, 1000 T
40 x 2 x 0.8	21.4	500.5	633	500 T, 1000 T
50 x 2 x 0.8	24.5	614.5	755	500 T, 1000 T
60 x 2 x 0.8	25.6	725.0	881	500 T, 1000 T
80 x 2 x 0.8	29.4	937.0	1,141	500 T, 1000 T
100 x 2 x 0.8	34.0	1,161.0	1,405	500 T, 1000 T

Subject to technical changes.