

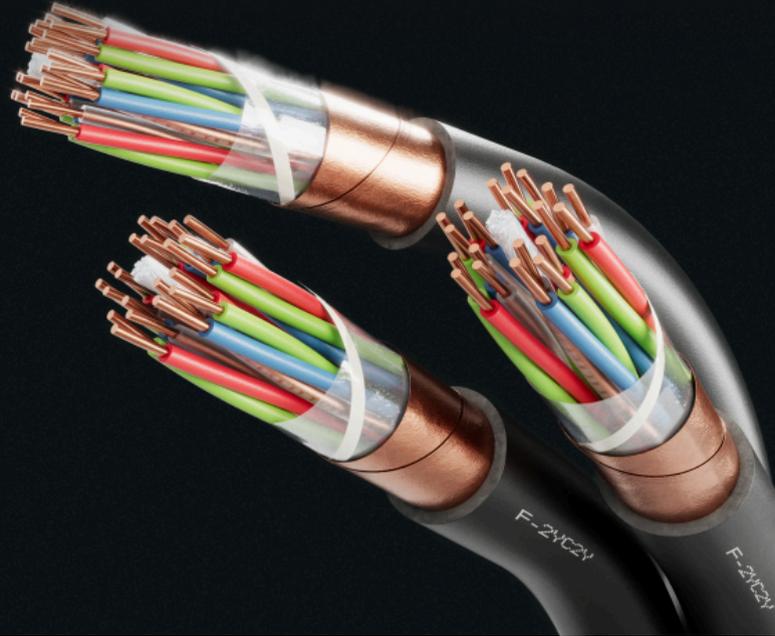


# F-2YC2Y

Telecommunication underground cable, screened

RAILWAY SIGNALLING AND TELECOMMUNICATIONS CABLES

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



## TECHNICAL DATA



**Standard**  
adapted to Telekom Austria-Standard X 5019



**Test Voltage**  
500 Veff (core/core) / 50 Hz  
2000 Veff (core/screen) / 50 Hz



**Rated Voltage**  
max. 200 Veff



**Bending radius (min.)**  
10 x  $\varnothing$  of cable



**Fire properties**  
CPR classification: Fca

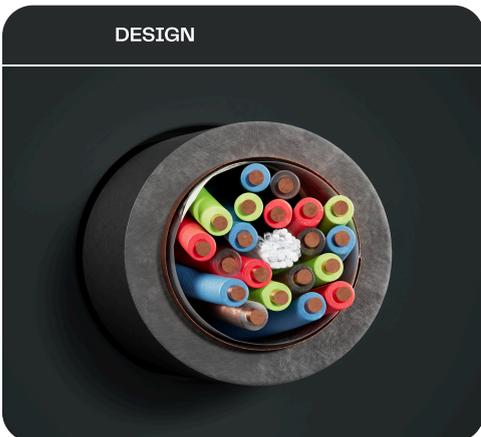


**Core identification**  
Colour code with trace quad in each layer (TA standard)



**Temperature range**  
Laying temperature: min. -20°C  
Fixed installation: -20°C up to 70°C  
Flexible use: -20°C up to 50°C

## DESIGN



- 1 Copper conductor, round solid (RE)
- 2 Core insulation (PE), cores star quaded and quads stranded in layers
- 3 Taping (plastic foil)
- 4 Screen (copper foil with drain wire)
- 5 Sheath (PE black, UV-resistant)

Number of pairs x nominal diameter	Standard lengths/packing (m)	Outer diameter appr. (mm)	Total weight appr. (kg/km)
2	500 T, 1000 T	7.0	55
10	500 T, 1000 T	13.0	150
20	500 T, 1000 T	15.0	245
30	500 T, 1000 T	16.5	325
40	500 T, 1000 T	17.7	405
50	500 T, 1000 T	20.0	485
60	500 T, 1000 T	21.0	560
80	500 T, 1000 T	23.2	730
100	500 T, 1000 T	26.0	880
2	500 T, 1000 T	8.5	75
6	500 T, 1000 T	11.5	150
10	500 T, 1000 T	13.4	225
20	500 T, 1000 T	17.0	375
30	500 T, 1000 T	18.5	515
40	500 T, 1000 T	21.4	635
50	500 T, 1000 T	24.5	755
60	500 T, 1000 T	25.6	885
80	500 T, 1000 T	29.4	1150
100	500 T, 1000 T	34.0	1410
6 x 2 x 0.6	500 T, 1000 T	10.2	115

**CONTACT PERSON**

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