

RAILWAY SIGNALLING AND TELECOMMUNICATIONS CABLES

F-2YA2Y

Telecommunication underground cable,
screened



TECHNICAL DATA



Standard
adapted to Telekom Austria-Standard X 5019
EN 50556



Test Voltage
500 V (core/core) / 50 Hz
2 kV (core/screen) / 50 Hz



Rated Voltage
max. 200 V_{eff}



Bending radius (min.)
10 x Ø 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
Conductor temperature: max. 80°C

DESIGN



1

Copper conductor, round solid (RE)

2

Core insulation (PE), cores star quaded and quads stranded in layers

3

Inner covering (plastic tape)

4

Screen (plastic laminated aluminium tape 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 x 2 x 0.6	500 T, 1000 T	7.0	47
6 x 2 x 0.6	500 T, 1000 T	9.8	87
10 x 2 x 0.6	500 T, 1000 T	11.2	121
20 x 2 x 0.6	500 T, 1000 T	14.1	201
30 x 2 x 0.6	500 T, 1000 T	16.0	272
40 x 2 x 0.6	500 T, 1000 T	17.8	344
50 x 2 x 0.6	500 T, 1000 T	19.8	426
60 x 2 x 0.6	500 T, 1000 T	21.2	486
100 x 2 x 0.6	500 T, 1000 T	25.5	792
2 x 2 x 0.8	500 T, 1000 T	7.9	60
4 x 2 x 0.8	500 T, 1000 T	11.5	103
6 x 2 x 0.8	500 T, 1000 T	11.6	127
10 x 2 x 0.8	500 T, 1000 T	13.9	188
20 x 2 x 0.8	500 T, 1000 T	17.9	331
30 x 2 x 0.8	500 T, 1000 T	20.3	458
40 x 2 x 0.8	500 T, 1000 T	22.8	581
50 x 2 x 0.8	500 T, 1000 T	24.9	707
60 x 2 x 0.8	500 T, 1000 T	27.3	846
100 x 2 x 0.8	500 T, 1000 T	33.7	1336

CONTACT PERSON

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