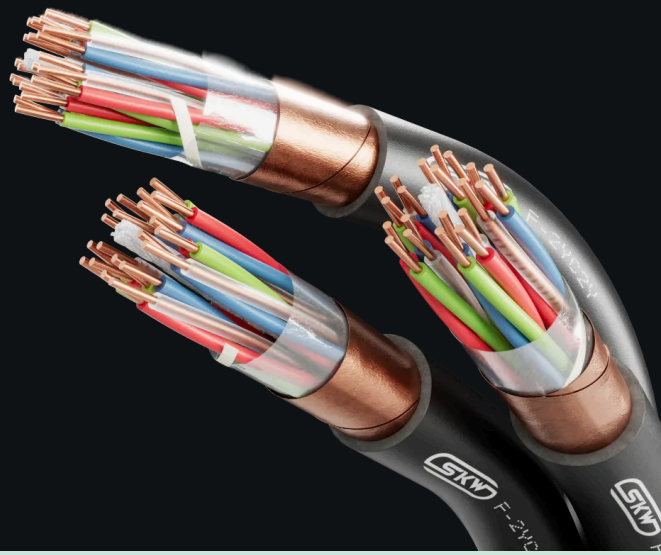
We Make Modern Life Possible.



TELECOMMUNICATION CABLES

F-2YC2Y

Telecommunication underground cable, screened

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 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
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)

Electrical Parameters			
Conductor diameter	mm	0.6	0.8
Conductor resistance, max. at 20 °C	Ω/km	130	73.2
Insulation resistance, min. at 20 °C	MΩ/km	10000	10000
Mutual capacitance (approx. value), at 800 Hz	nF/km	55	55

Number of pairs x nominal diameter	Outer diameter appr. (mm)	Total weight appr. (kg/km)	Standard lengths/packing (m)
2 x 2 x 0.6	7.0	55	500 T, 1000 T
6 x 2 x 0.6	10.2	115	500 T, 1000 T
10 x 2 x 0.6	13.0	150	500 T, 1000 T
20 x 2 x 0.6	15.0	245	500 T, 1000 T
30 x 2 x 0.6	16.5	325	500 T, 1000 T
40 x 2 x 0.6	17.7	405	500 T, 1000 T
50 x 2 x 0.6	20.0	485	500 T, 1000 T
60 x 2 x 0.6	21.0	560	500 T, 1000 T
80 x 2 x 0.6	23.2	730	500 T, 1000 T
100 x 2 x 0.6	26.0	880	500 T, 1000 T
2 x 2 x 0.8	8.5	75	500 T, 1000 T
6 x 2 x 0.8	11.5	150	500 T, 1000 T
10 x 2 x 0.8	13.4	225	500 T, 1000 T
20 x 2 x 0.8	17.0	375	500 T, 1000 T
30 x 2 x 0.8	18.5	515	500 T, 1000 T
40 x 2 x 0.8	21.4	635	500 T, 1000 T
50 x 2 x 0.8	24.5	755	500 T, 1000 T
60 x 2 x 0.8	25.6	885	500 T, 1000 T
80 x 2 x 0.8	29.4	1150	500 T, 1000 T
100 x 2 x 0.8	34.0	1410	500 T, 1000 T

Technical changes reserved. All figures are therefore without guarantee.

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