



We Make
Modern Life
Possible



A-2YF(L)2Y...St III Bd

Telecommunication underground cable, screened,
longitudinally water-proof

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
DIN VDE 0816



Rated Voltage
225 V_{eff} (peak value)



Core identification
DIN VDE 0816



Certificate
VDE Germany



Bending radius (min.)
10 x Ø des Kabels



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

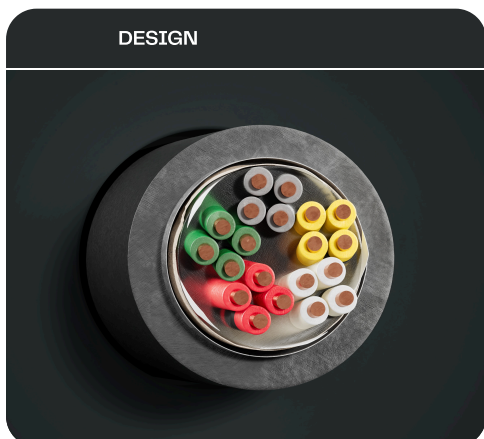


Test Voltage
2 kV (core/screen)



Fire properties
OPR-Klassifizierung: Fca

DESIGN



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	1500	1500
Mutual capacitance (approx. value), at 800 Hz	nF/km	48	50

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	8	80	500 T, 1000 T
6 x 2 x 0.6	10.8	124	500 T, 1000 T
10 x 2 x 0.6	12.6	173	500 T, 1000 T
20 x 2 x 0.6	16.3	291	500 T, 1000 T
30 x 2 x 0.6	18.5	406	500 T, 1000 T
40 x 2 x 0.6	20.9	495	500 T, 1000 T
50 x 2 x 0.6	22.5	604	500 T, 1000 T
70 x 2 x 0.6	25	787	500 T, 1000 T
100 x 2 x 0.6	30	1143	500 T, 1000 T
200 x 2 x 0.6	42	2193	500 T, 1000 T
2 x 2 x 0.8	9.5	89	500 T, 1000 T
4 x 2 x 0.8	12	146	500 T, 1000 T
6 x 2 x 0.8	12.5	171	500 T, 1000 T
10 x 2 x 0.8	15	253	500 T, 1000 T
20 x 2 x 0.8	149.5	446	500 T, 1000 T
30 x 2 x 0.8	22.5	615	500 T, 1000 T
40 x 2 x 0.8	25.5	821	500 T, 1000 T
50 x 2 x 0.8	28	988	500 T, 1000 T
70 x 2 x 0.8	31	1283	500 T, 1000 T
100 x 2 x 0.8	37	1843	500 T, 1000 T
200 x 2 x 0.8	52.4	3652	500 T, 1000 T

CONTACT PERSON

Dogan Özcan
 Head of Technical Department
 +43 (0) 1 70170-154
 dogan.oezcan@skw.at

