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TELECOMMUNICATIONS CABLES

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

Telecommunication underground cable,
screened, longitudinally water-proof



TECHNICAL DATA



Standard
DIN VDE 0816



Certificate
VDE Germany



Test Voltage
2 kV (core/screen)



Rated Voltage
225 Veff (peak value)



Bending radius (min.)
10 x Ø des Kabels



Fire properties
CPR-Klassifizierung: Fca



Core identification
DIN VDE 0816



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

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	8.0	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	25.0	787	500 T, 1000 T
100 x 2 x 0.6	30.0	1143	500 T, 1000 T
200 x 2 x 0.6	42.0	2193	500 T, 1000 T
2 x 2 x 0.8	9.5	89	500 T, 1000 T
4 x 2 x 0.8	12.0	146	500 T, 1000 T
6 x 2 x 0.8	12.5	171	500 T, 1000 T
10 x 2 x 0.8	15.0	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	28.0	988	500 T, 1000 T
70 x 2 x 0.8	31.0	1283	500 T, 1000 T
100 x 2 x 0.8	37.0	1843	500 T, 1000 T
200 x 2 x 0.8	52.4	3652	500 T, 1000 T

CONTACT PERSON

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