

J-Y(St)Y Telephon Cables

[D] [SR] CPR Eca

Model Product: GT1 - 20210521



Red copper conductor; D:0,6 and D:0,8mm
PVC insulation, VDE 0207
Duplex tape screen + drain wire
PVC Sheath, VDE 207

STANDARDS

DIN VDE 0815
EN 50575:2014 + EN 50575/A1:2016

COMMON FEATURES

Cables for telecommunication systems for transmission of data and signals. Supply of electricity and communications in buildings and other civil engineering works with the objective of limiting the generation and spread of fire and smoke.

EMPLOYMENT

Minimum bending radius per D cable diameter (in mm):
10 x external diameter.

Maximum pulling stress:

PACKING

100m or 250m ring in thermoplastic film or drum to agree.

Telephone cables, VDE standard, PVC insulated.

Nominal voltage U: 300 V

Test voltage: 800 V

Maximum operating temperature: +70°C

Minimum installation and laying temperature: -5°C

Min. operating temperature (without mechanical shocks): -30°C

CORE COLOURS

Multicores: According to DIN VDE 0815

INK MARKING

without marking.

NOTE

Max LOOP RESISTANCE

0.6mm=130 Ohm/km

0.8mm= 73.2 Ohm/km

Mutual capacitance at 800 < 4 couples Max 120 nF/km

Mutual capacitance at 800 Hz > 4 couples Max 100 nF/km

The external diameters are nominal values of production.



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Tabella J-Y(St)Y

Formation (-)	External Diameter (mm)	Copper Weight (Kg/Km)	Weight (Kg/Km)
Multicores			
1 x 2 x 0,6	4	6,17	24
2 x 2 x 0,6	4,7	10,92	33
3 x 2 x 0,6	5,6	15,84	44
4 x 2 x 0,6	6,7	20,78	53
5 x 2 x 0,6	6,8	25,70	63
6 x 2 x 0,6	7	30,58	70
8 x 2 x 0,6	7,8	40,41	87
10 x 2 x 0,6	8,3	50,27	102
12 x 2 x 0,6	8,8	61,43	118
16 x 2 x 0,6	9,4	81,13	147
20 x 2 x 0,6	11,2	101,57	183
24 x 2 x 0,6	11,4	122,20	210
30 x 2 x 0,6	12,5	150,6	262
40 x 2 x 0,6	14	199,15	332
50 x 2 x 0,6	16,3	248,49	408
60 x 2 x 0,6	17,5	297,75	477
80 x 2 x 0,6	19,1	396,13	627
100 x 2 x 0,6	21	495,52	766
200 x 2 x 0,6	28	999,46	1466
1 x 2 x 0,8	5,4	9,76	37
2 x 2 x 0,8	6	18,40	53
3 x 2 x 0,8	7,5	27,10	74
4 x 2 x 0,8	8,2	35,76	90
5 x 2 x 0,8	8,9	44,42	106
6 x 2 x 0,8	9,8	53,12	124
8 x 2 x 0,8	10,5	70,43	153
10 x 2 x 0,8	11,8	87,79	185
12 x 2 x 0,8	13,2	106,61	230
16 x 2 x 0,8	14	141,11	286
20 x 2 x 0,8	16,4	175,70	351
24 x 2 x 0,8	17	210,16	404
30 x 2 x 0,8	20	262,63	516
40 x 2 x 0,8	20,6	349,21	650
50 x 2 x 0,8	25	436,39	807
100 x 2 x 0,8	33	870,26	1556