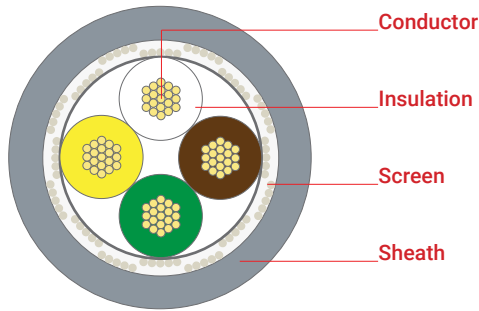




Cable structure



Stranded copper wire
Class 5, IEC 60228

PVC, in compliance with DIN 47100 insulation colour coding
T152 EN 50290-2-21, Y12 DIN VDE 0207-4

Al-Pet tape min. 100% coverage
Tinned braided copper wire

PVC - RAL 7001 Grey
TM51 EN 50290-2-22, YM1 DIN VDE 0207-5

Application

PVC insulated and sheathed range is used for signal transmission in interior installations. Flexible and slim design provides installation advantages in confined spaces. Used in industrial electronics, computers and office equipment, indoor communication, audio and security systems. The cable is protected against ambient electromagnetic interference by its foil and braided screen.

Specifications

Temperature range			
fixed			-30°C ...+70°C
flexing			0°C ...+50°C
Bending radius			
fixed min.			7.5 x D
flexing	min.		15 x D
Conductor resistance			
0.22 mm ²	max.		96.0 Ω/km
0.50 mm ²	max.		39.0 Ω/km
0.75 mm ²	max.		26.0 Ω/km
1.0 mm ²	max.		19.5 Ω/km
1.5 mm ²	max.		13.3 Ω/km
2.5 mm ²	max.		7.98 Ω/km
Insulation resistance	min.		200 MΩ x km
Test voltage			
0.22 mm ²			1200 V
0.50 mm ²			1200 V
0.75 mm ²			1200 V
1.0 mm ²			1200 V
1.5 mm ²			2500 V
2.5 mm ²			2500 V
Operating voltage	max.		300 V

Standards TS 13755, DIN VDE 0812

Fire performance
Vertical flame propagation EN 60332-1-2

EU Declaration of conformity
LVD Low Voltage Directive 2014/35/EU
RoHS Restriction of Hazardous Substances 2011/65/EU

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
207050	2x0.22 mm ²	4.3	7	23
207051	3x0.22 mm ²	4.5	9	26
207052	4x0.22 mm ²	4.8	13	31
207053	5x0.22 mm ²	5.1	15	36
207054	6x0.22 mm ²	5.5	18	43
207055	7x0.22 mm ²	5.5	20	45
207056	8x0.22 mm ²	5.9	22	55
207057	9x0.22 mm ²	6.3	24	59
207058	10x0.22 mm ²	6.9	27	63
207060	12x0.22 mm ²	7.1	31	71
207062	14x0.22 mm ²	7.5	35	83
207064	16x0.22 mm ²	7.9	40	88
207067	19x0.22 mm ²	8.1	46	98

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
207086	2x0.50 mm ²	5.3	13	35
207087	3x0.50 mm ²	5.6	17	41
207088	4x0.50 mm ²	6.0	22	50
207089	5x0.50 mm ²	6.7	27	63
207090	6x0.50 mm ²	7.2	32	75
207091	7x0.50 mm ²	7.2	36	78
207092	8x0.50 mm ²	7.7	42	97
207093	9x0.50 mm ²	8.3	46	106
207094	10x0.50 mm ²	8.9	50	106
207096	12x0.50 mm ²	9.6	60	131
207098	14x0.50 mm ²	10.1	68	155
207100	16x0.50 mm ²	10.7	78	164
207103	19x0.50 mm ²	11.0	91	184

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
207104	2x0.75 mm ²	5.7	18	43
207105	3x0.75 mm ²	6.0	24	51
207106	4x0.75 mm ²	6.7	32	66
207107	5x0.75 mm ²	7.2	38	78
207108	6x0.75 mm ²	7.8	46	94
207109	7x0.75 mm ²	7.8	52	99
207110	8x0.75 mm ²	8.4	60	123
207111	9x0.75 mm ²	9.0	66	134
207112	10x0.75 mm ²	10.1	73	144
207114	12x0.75 mm ²	10.4	85	164
207116	14x0.75 mm ²	11.0	99	197
207118	16x0.75 mm ²	11.6	112	207
207121	19x0.75 mm ²	12.0	132	238

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
207122	2x1 mm ²	6.0	22	48
207123	3x1 mm ²	6.3	30	58
207124	4x1 mm ²	7.1	40	77
207125	5x1 mm ²	7.6	48	92
207126	6x1 mm ²	8.2	58	110
207127	7x1 mm ²	8.2	66	116
207128	8x1 mm ²	10.0	76	158
207129	9x1 mm ²	10.0	84	169
207130	10x1 mm ²	10.7	94	172
207132	12x1 mm ²	11.0	110	196
207134	14x1 mm ²	10.0	125	226
207136	16x1 mm ²	10.7	143	240
207139	19x1 mm ²	11.0	168	275

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
207140	2x1.5 mm ²	7.1	32	69
207141	3x1.5 mm ²	7.5	44	83
207142	4x1.5 mm ²	8.1	58	104
207143	5x1.5 mm ²	8.8	72	128
207144	6x1.5 mm ²	10.0	85	162
207145	7x1.5 mm ²	10.0	97	172
207146	8x1.5 mm ²	10.7	111	213
207147	9x1.5 mm ²	11.6	123	235
207148	10x1.5 mm ²	12.7	138	244
207150	12x1.5 mm ²	13.1	163	281
207152	14x1.5 mm ²	13.9	188	337
207154	16x1.5 mm ²	14.7	214	358
207157	19x1.5 mm ²	15.2	254	414

Product code	Cable structure	Diameter [mm]	Copper weight [kg/km]	Cable weight [kg/km]
207158	2x2.5 mm ²	8.0	49	95
207159	3x2.5 mm ²	8.5	70	117
207160	4x2.5 mm ²	9.6	92	155
207161	5x2.5 mm ²	10.5	112	192
207162	6x2.5 mm ²	11.3	135	228
207163	7x2.5 mm ²	11.3	155	244
207164	8x2.5 mm ²	13.5	178	319
207165	9x2.5 mm ²	13.5	198	345
207166	10x2.5 mm ²	14.5	220	349
207168	12x2.5 mm ²	15.0	261	405
207170	14x2.5 mm ²	13.5	301	476
207172	16x2.5 mm ²	14.5	343	506
207175	19x2.5 mm ²	15.0	405	589

Specifications may vary depending on technical modifications.