

TITANEX® H07RN-F

flexible, rubber-sheathed cable



TECHNICAL DATA

Rubber cable to EN 50525-2-21

Temperature range	flexible -25°C to +55°C fixed od -25°C to +55°C
Max. temperature at conductor	+90°C
Max. temperature at conductor (short circuit)	+250°C
Nominal voltage	U ₀ /U 450/750 V U ₀ /U 600/1000 V (protected and fixed installation)
Minimum bending radius	flexing: 6-8 x Ø cable fixed: Ø cable < 12mm 3x Ø cable Ø cable > 12mm 4x Ø cable
CPR acc. to EN 50575	Eca

CABLE STRUCTURE

- Bare copper, fine wire conductor cl.5 to DIN VDE 0295/IEC 60228
- Core insulation: special cross-linked elastomer
- Core identification in accordance with HD 308 S2
- Outer sheat: special cross-linked elastomer
- Sheath color: black

PROPERTIES

- Resistant to: UV radiation, weathering effects
- Resistant to: oil
- RoHS compliant

TESTS

- Flame-retardant acc. to IEC 60332-1-2

APPLICATION

TITANEX® flexible rubber cable, thanks to its technological properties, can be used to maintain all mobile and stationary installations in industrial environments such as construction sites, cranes, machine parks, factories, generators, etc. It is durable, resistant to extreme power and chemicals. The TITANEX® cable is also suitable for installation: in public utility installations as well as for temporary installation or installation during execution. It can be installed outdoors, directly on the ground, without protection, without the risk of deteriorating its properties.

Part no.	No. cores x cross-sec mm ²	Current rating, open air A	Voltage drop, single phase V/A.km	Max. outer mm	Weight app. kg/km
37001T	1 x 1,5	24	23,3	7,1	50
37002T	1 x 2,5	33	14	7,9	66
37003T	1 x 4	45	8,7	9	94
37004T	1 x 6	58	5,9	9,8	109
37005T	1 x 10	80	3,4	11,9	182
37006T	1 x 16	107	2,2	13,4	256
37007T	1 x 25	138	1,4	15,8	369
37008T	1 x 35	169	1,04	17,9	482
37009T	1 x 50	207	0,75	20,6	662

Part no.	No. cores x cross-sec mm ²	Current rating, open air A	Voltage drop, single phase V/A.km	Max. outer mm	Weight app. kg/km
37010T	1 x 70	268	0,56	23,3	895
37011T	1 x 95	328	0,44	26	1160
37012T	1 x 120	382	0,36	28,6	1430
37013T	1 x 150	441	0,31	31,4	1740
37014T	1 x 185	506	0,28	34,4	2160
37015T	1 x 240	599	0,23	38,3	2730
37016T	1 x 300	693	0,2	41,9	3480
37017T	1 x 400	825	0,18	46,8	4510
37018T	1 x 500	946	0,16	52	5700

Continuation ►

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Part no.	No. cores x cross-sec mm²	Current rating, open air A	Voltage drop, single phase V/A.km	Max. outer mm	Weight app. kg/km
37020T	2 x 1,5	23	27	11	111
37021T	2 x 2,5	31	16,2	13,1	161
37022T	2 x 4	42	10,1	15,14	238
37023T	2 x 6	54	6,7	16,8	279
37024T	2 x 10	75	3,8	22,6	538
37025T	2 x 16	100	2,5	25,7	744
37026T	2 x 25	149	1,68	30,7	1074
37027T	3 G 1	20	39,4	10,7	117
37028T	3 G 1,5	26	27	11,9	134
37029T	3 G 2,5	36	16,2	14	195
37030T	3 G 4	49	10,1	16,2	290
37031T	3 G 6	63	7	18	346
37032T	3 G 10	86	4	24,2	663
37033T	3 G 16	115	2,5	27,6	924
37034T	3 G 25	149	1,7	33	1345
37035T	3 G 35	185	1,21	37,1	1760
37036T	3 G 50	225	0,87	42,9	2390
37037T	3 G 70	289	0,64	48,3	3110
37038T	3 G 95	352	0,5	54	4170
37045T	4 G 1,5	23	23,3	13,1	165
37046T	4 G 2,5	31	14	15,5	245
37047T	4 G 4	38	8,71	18	357
37048T	4 G 6	50	5,84	20	443
37049T	4 G 10	68	3,42	26,5	818
37050T	4 G 16	92	2,2	30,1	1150
37051T	4 G 25	122	1,44	36,6	1700

Part no.	No. cores x cross-sec mm²	Current rating, open air A	Voltage drop, single phase V/A.km	Max. outer mm	Weight app. kg/km
37052T	4 G 35	150	1,04	41,1	2180
37053T	4 G 50	182	0,75	47,5	3030
37054T	4 G 70	232	0,56	54	3990
37055T	4 G 95	281	0,44	61	5360
37056T	4 G 120	325	0,36	66	6500
37057T	4 G 150	373	0,31	73	7990
37058T	4 G 185	425	0,28	80	9910
37061T	5 G 1,5	21	23,6	14,4	238
37062T	5 G 2,5	29	14	17	297
37063T	5 G 4	38	8,72	19,9	453
37064T	5 G 6	50	5,84	22,2	557
37065T	5 G 10	68	3,43	29,1	1001
37066T	5 G 16	92	2,2	33,3	1430
37067T	5 G 25	122	1,44	40,4	2096
37068T	5 G 35	158	1,04	45,1	2690
37091T	5 G 50	192	75	53	3840
00488T	5 G 70	246	0,56	60	4996
00489T	5 G 95	298	0,44	67	6465
37092T	7 G 1,5	17	23,3	18,7	349
37079T	7 G 2,5	21	13,9	21,8	487
37093T	12 G 1,5	11	23,3	22,14	510
37096T	12 G 2,5	15	14	26,2	702
00490T	18 G 1,5	10	20,7	26,3	730
37097T	18 G 2,5	14	13,9	30,9	1018
37095T	24 G 1,5	7,8	-	30,7	1000