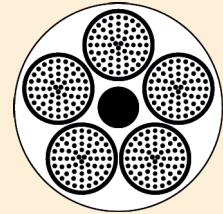
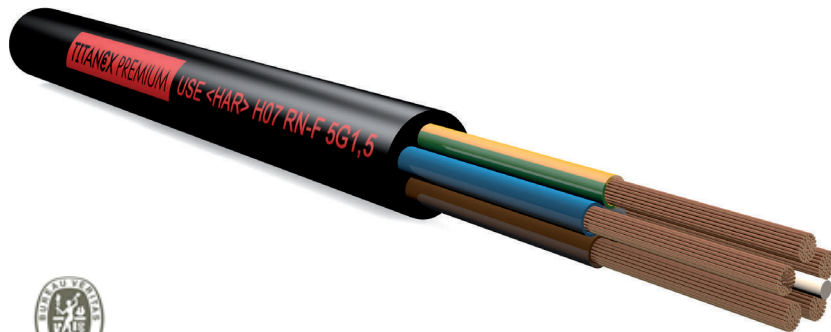


H07 RN-F / TITANEX PREMIUM

Flexible rubber cable

RoHS

CROSS SECTION



Acc. to DIN EN 50525-2-21
(VDE 0285-525-2-21):2012-01

SPECIAL FEATURES

Properties

Water resistant
Oil and grease resistant
Halogen free
Salt water resistant
Waste water resistant
UV resistant

Sheath colour

Black



TITANEX PREMIUM

APPLICATION

Heavy rubber-insulated cable for various applications involving high mechanical and thermal loads. Fulfils the requirements of H07RN8-F for continual use in water (AD8), H07BN4-F for operating temperatures of 90°C and H07BB-F for extremely low ambient temperatures (up to -50°C static and up to -40°C dynamic). Halogen free and, therefore, suitable for use in fire risk areas (IEC 60332-1). Use at up to 1000 V when permanently installed or supplying power to motors. Application areas: port cranes, mobile machines on public construction sites, portable professional tools. Heavy duty applications in harbours, on ships (Bureau Veritas cert. 26673/AO BV IEC 60092-350/351/353/359; IEC 60228, IEC 60332-1-2, IEC 60811), on drilling platforms, in road tunnels and at train stations and airports.

STRUCTURE

Conductor	Copper conductor, bare, flexible (class 5) according to DIN VDE 0295 and IEC 60228 cl. 5, HD 383
Cores	Special cross-linked elastomer insulation
Outer sheath	Special cross-linked elastomer with high mechanical properties, LSOH

TECHNICAL DATA

Nominal voltage	450 V/750 V
Test voltage	2500 V
Conductor temperature	Fixed installation: max. +85°C
Short-circuit temperature	Max. +250°C on the conductor
Operating temperature	-50°C to +90°C
Max. operating temperature	+90°C
Installation temperature	Min. -40°C
Min. bending radius	6-8 x cable diameter

ELCAB

sterk in kabels

Product description	Cu weight	Outer Ø max. (mm)	Weight (kg/km)
Titanex Premium 1x1.5	14.4	7.1	50
Titanex Premium 1x2.5	24.0	7.9	66
Titanex Premium 1x4	38.0	9.0	94
Titanex Premium 1x6	58.0	9.8	109
Titanex Premium 1x10	96.0	11.9	182
Titanex Premium 1x16	154.0	13.4	256
Titanex Premium 1x25	240.0	15.8	369
Titanex Premium 1x35	336.0	17.9	482
Titanex Premium 1x50	480.0	20.6	662
Titanex Premium 1x70	672.0	23.3	895
Titanex Premium 1x95	912.0	26.0	1160
Titanex Premium 1x120	1152.0	28.6	1430
Titanex Premium 1x150	1440.0	31.4	1740
Titanex Premium 1x185	1776.0	34.4	2160
Titanex Premium 1x240	2304.0	38.3	2730
Titanex Premium 1x300	2880.0	41.9	3480
Titanex Premium 2x1.5	29.0	11.0	111
Titanex Premium 2x2.5	48.0	13.1	161
Titanex Premium 2x4	77.0	15.1	238
Titanex Premium 2x6	115.0	16.8	279
Titanex Premium 2x10	192.0	22.6	538
Titanex Premium 2x16	308.0	25.7	744
Titanex Premium 2x25	480.0	30.7	1074
Titanex Premium 3G1.5	43.0	11.9	134
Titanex Premium 3G2.5	72.0	14.0	195
Titanex Premium 3G4	115.0	16.2	290
Titanex Premium 3G6	173.0	18.0	346
Titanex Premium 3G10	288.0	24.2	663
Titanex Premium 3G16	461.0	27.6	924
Titanex Premium 3G25	720.0	33.0	1345
Titanex Premium 3G35	1008.0	37.1	1760
Titanex Premium 3G50	1440.0	42.9	2390
Titanex Premium 3G70	2016.0	48.3	3110
Titanex Premium 3G95	2736.0	54.0	4170
Titanex Premium 4G1.5	58.0	13.1	165
Titanex Premium 4G2.5	96.0	15.5	245
Titanex Premium 4G4	154.0	17.9	357
Titanex Premium 4G6	230.0	20.0	443
Titanex Premium 4G10	384.0	26.5	818
Titanex Premium 4G16	614.0	30.1	1150
Titanex Premium 4G25	960.0	36.6	1700
Titanex Premium 4G35	1344.0	41.1	2180
Titanex Premium 4G50	1920.0	47.5	3030
Titanex Premium 4G70	2688.0	54.0	3990
Titanex Premium 4G95	3648.0	61.0	5360
Titanex Premium 4G120	4608.0	66.0	6500
Titanex Premium 4G150	5760.0	73.0	7990
Titanex Premium 5G1.5	72.0	14.4	238
Titanex Premium 5G2.5	120.0	17.0	297
Titanex Premium 5G4	192.0	19.9	453
Titanex Premium 5G6	288.0	22.2	557
Titanex Premium 5G10	480.0	29.1	1001
Titanex Premium 5G16	768.0	33.3	1430
Titanex Premium 5G25	1200.0	40.4	2096
Titanex Premium 5G35	1680.0	45.1	2690
Titanex Premium 5G50	2400.0	53.0	3840
Titanex Premium 5G70	3360.0	60.0	4996
Titanex Premium 7G1.5	101.0	18.7	349
Titanex Premium 7G2.5	168.0	22.0	487
Titanex Premium 12G1.5	173.0	22.4	510
Titanex Premium 12G2.5	288.0	26.2	702
Titanex Premium 18G1.5	259.0	26.3	730
Titanex Premium 18G2.5	432.0	30.9	1018
Titanex Premium 36G1.5	518.0	35.2	1325
Titanex Premium 36G2.5	864.0	39.1	1879