

2 Core Cable (2X)



3 Core Cable (3G) 2 Core + Earth



4 Core Cable (4G) 3 Core + Earth



5 Core Cable (5G) 4 Core + Earth



XTREM[®] H07RN-F

Harmonized Rubber Insulated Power Cable - Flexible

CONSTRUCTION

Conductors	Electrolytic annealed copper Class 5 (Flexible) according to IEC 60228 & AS/NZS 1125
Insulation	Thermosetting rubber insulation type E17 (EN 50363-1) Identification acc. to HD308 & HD186
Outer Jacket	Thermosetting flexible rubber type EM2 acc. EN 50363-1
Voltage	450/750 V
Minimum Bend Radius	<12mm, 3 x cable diameter, >12mm, 4x cable diameter

PROPERTIES

Submersible Rating	500 Meters, AD8 Permanent Submersion & Deep Water Installations
Water types	Drinking water AS/NZS 4020. Fresh, polluted, salt water
Environmental Resistance	UV & Excellent resistance to chemicals, oils, grease and mineral oils and Abrasion
Fire Performance	Flame retardant IEC 60332-1, CPR Eca EN 50575
Temperature Range	-40C (Fixed), (-25 Flexing) to +90C
Maximum	Maximum Short-Circuit Temperature (250C) 5 seconds

APPLICATIONS

Inline Submersible pumps in deep water installations (AD8), Deep wells, Water filtration and drinking water
Electric motors, CNC Machines, Industrial applications, Factories, Indoor & Outdoor use.
Power supply for hand held machinery, including welding, heavy duty extension cords,
Aquaculture, fish farms, shrimp farms, and “living” water (with presence of micro-organisms and aquatic species)

PACKAGING

Roll Lengths	1000M, 500M, 100M, Cut Lengths
Cable Marking	TOP CABLE Xtrem H07RN-F 450/750V 3G2,5 mm2 AENOR <HAR> IEC 60245 TOP CABLE Xtrem H07RN-F 450/750 V 3G2.5 mm2 E-022-14-10764 CE DOP TCO03 Eca MADE IN SPAIN 3624 2023YEAR 2797(Meter Marked)
	Meter Marked



XTREM[®] H07RN-F

Harmonized Rubber Insulated Power Cable - Flexible

Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km) ³
H071C16.TC	1 X 16	11.2	110	2.68	775
H071C25.TC	1 X 25	13.0	147	1.73	1080
H071C35.TC	1 X 35	14.6	183	1.23	1610
H071C50.TC	1 X 50	17.0	231	0.86	2100
H071C70.TC	1 X 70	19.1	292	0.603	185
H071C95.TC	1 X 95	21.4	351	0.457	280
H071C120.TC	1 X 120	23.3	418	0.357	395
H072C1.0.TC	2X1	7.7	19	45.1	75
H072C1.5.TC	2X1.5	8.5	24	34	100
H072C2.5.TC	2X2.5	10.1	32	20.4	145
H072C4.0.TC	2X4.0	11.8	43	12.7	200
H073G1.0.TC	3G 1	8.3	16	45.1	95
H073G1.5.TC	3G 1.5	9.3	20	34	125
H073G2.5.TC	3G 2.5	11.1	27	20.4	185
H073G4.0.TC	3G 4.0	12.7	36	12.7	260
H073G6.0.TC	3G 6.0	14.3	46	8.45	335
H073G10.TC	3G 10	19.6	66	4.42	630
H074G1.5.TC	4G 1.5	10.4	20	33.9	160
H074G2.5.TC	4G 2.5	12.1	27	20.3	225
H074G4.0.TC	4G 4.0	14.0	36	12.6	320
H074G6.0.TC	4G 6.0	15.7	46	8.41	425
H074G10.TC	4G 10	21.4	66	4.87	775
H074G16.TC	4G 16	24.6	87	2.8	1080
H074G25.TC	4G 25	29.5	116	1.8	1610
H074G35.TC	4G 35	32.7	144	1.28	2100
H075G1.5.TC	5G 1.5	11.3	20	33.9	185
H075G2.5.TC	5G 2.5	13.5	27	20.3	280
H075G4.0.TC	5G 4.0	15.6	36	12.6	395
H075G6.0.TC	5G 6.0	17.7	46	8.41	530
H075G10.TC	5G 10	23.9	66	4.87	945
H077G1.5.TC	7G 1.5	15	20	30.7	315
H077G2.5.TC	7G 2.5	17.1	27	18.4	435
H0712G1.5.TC	12G 1.5	17.5	20	30.7	445

*Max amperage values according to AS/NZS 3008.1.1:2009 Table 11 (Twin-core), Table 14 (Multicore) X-90, X-HF-90, R-EP-90, R-HF-90, R-CSP-90 90 C (Flexible Cu Unenclosed - Spaced). Ambient temperature 40 C in air, 25 C in ground. Single conductor Current Rating Capacity according to AS/NZS 3808 Flexible Cables with Rubber Insulation, Unenclosed spaced

Power Flex Cables reserves the right to update product information as required.

Manufacturer specification documents available upon request or via www.powerflexcables.com.au

Please Note: Always consult with qualified personnel when selecting electrical cables.



XTREM[®] DN-F Heavy Duty 1000V Thermoset Rubber Power & Control (Flexing)

CONSTRUCTION	
Conductors	Electrolytic annealed copper Class 5 (Flexible) according to IEC 60228 & AS/NZS 1125
Insulation	Thermosetting rubber insulation type EPR (IEC 60502-1) Identification acc. to HD308 & HD186
Outer Jacket	Thermosetting flexible genuine vulcanized rubber type SE1 (IEC 60502-1)
Voltage	0.6/1kV in fixed and flexing mobile service
Minimum Bend Radius	<12mm, 3 x cable diameter, >12mm, 4x cable diameter

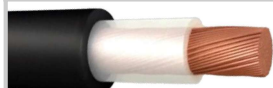
PROPERTIES	
Submersible Rating	500 Meters, AD8 Permanent Submersion & Deep bores.
Water types	Drinking water AS/NZS 4020. Fresh, polluted, salt water, waste water/sewage,
Environmental Resistance	UV & Excellent resistance to chemicals, oils, grease and mineral oils and Abrasion
Fire Performance	Flame retardant IEC 60332-1, CPR Eca EN 50575
Temperature Range	-40C (Fixed), (-25 Flexing) to +90C
Maximum	Maximum Short-Circuit Temperature (250C) 5 seconds

APPLICATIONS	
Mining, Oil & Gas (Hazardous areas with explosive gas atmospheres) De-watering, quarrying, agricultural & construction.	
Pumps - Water, De-watering, Sand & Mud, (Anti-wicking cable), Heavy-Duty & Inline-Submersible Pumps	
Mobile equipment: cranes, construction equipment and heavy machinery. Wind turbines.	
Portable or audio-visual engines and mobile equipment.	
Electric motors, CNC Machines, Industrial applications, Factories, mobile service & operation at maximum continuous performance	
Temporary site installations, heavy duty extension cords and CEEForm Applications	
Aquaculture, fish farms, shrimp farms, and "living" water (with presence of micro-organisms and aquatic species)	
Marine & Shipbuilding - General power and lighting. Flame retardant. DNV Type Approval: TAE00002AR	
The requirements of SOLAS Amendments Chapter II-1, Part D, Reg. 45, 5.2 (provision to be taken to limit Fire Propagation along Bunches of Cables or Wires) are fulfilled without any additional measures.	
AS/NZS 3004.2:2014 Electrical Installations-Marines and Boats- Boat Installations (6.1, 6.2, 6.3.1, 6.3.2, 6.3.3)	

PACKAGING	
Roll Lengths	1000M, 500M, 100M, Cut Lengths
Cable Marking	TOP CABLE Xtrem DN-F 0.6/1 KV 2x2.5 mm ² UNE 21150 / 0,6/1kV IEC 60092-353 E-022-14-10764 DOP TC003 Eca Made in Spain 42487/48/49 2023 2995(Meter Marked)
	Meter Marked

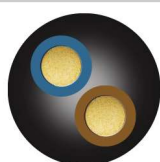
Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km) ³
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SDI Single Core



DNF1C16	1 X 16	11.2	110	2.68	775
DNF1C25	1 X 25	13.0	147	1.73	1080
DNF1C35	1 X 35	14.6	183	1.23	1610
DNF1C50	1 X 50	17.0	231	0.86	2100
DNF1C70	1 X 70	19.1	292	0.603	185
DNF1C95	1 X 95	21.4	351	0.457	280
DNF1C120	1 X 120	23.3	418	0.357	395

Twin Core



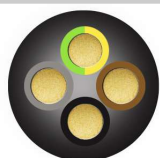
Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km) ³
DNF2C1.5	2X1.5	8.5	24	34	100
DNF2C2.5	2X2.5	10.1	32	20.4	145
DNF2C4.0	2X4.0	11.8	43	12.7	200

3 Core



Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km) ³
DNF3G1.5	3G 1.5	9.3	20	34	125
DNF3G2.5	3G 2.5	11.1	27	20.4	185
DNF3G4.0	3G 4.0	12.7	36	12.7	260
DNF3G6.0	3G 6.0	14.3	46	8.45	335
DNF3G10	3G 10	19.6	66	4.42	630

4 Core



Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km) ³
DNF4G1.5	4G 1.5	10.4	20	33.9	160
DNF4G2.5	4G 2.5	12.1	27	20.3	225
DNF4G4.0	4G 4.0	14.0	36	12.6	320
DNF4G6.0	4G 6.0	15.7	46	8.41	425
DNF4G10	4G 10	21.4	66	4.87	775
DNF4G16	4G 16	24.6	87	2.8	1080
DNF4G25	4G 25	29.5	116	1.8	1610
DNF4G35	4G 35	32.7	144	1.28	2100

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5 Core

Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km) ³
DNF5G1.5	5G 1.5	11.3	20	33.9	185
DNF5G2.5	5G 2.5	13.5	27	20.3	280
DNF5G4.0	5G 4.0	15.6	36	12.6	395
DNF5G6.0	5G 6.0	17.7	46	8.41	530
DNF5G10	5G 10	23.9	66	4.87	945

7 Core & 12 Core

Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km) ³
DNF7G1.5	7G 1.5	15	20	30.7	315
DNF7G2.5	7G 2.5	17.1	27	18.4	435
DNF12G1.5	12G 1.5	17.5	20	30.7	445

*Max amperage values according to AS/NZS 3008.1.1:2009 Table 11 (Twin-core), Table 14 (Multicore) X-90, X-HF-90, R-EP-90, R-HF-90, R-CSP-90 90 C (Flexible Cu Unenclosed - Spaced). Ambient temperature 40 C in air, 25 C in ground. Single conductor Current Rating Capacity according to AS/NZS 3808 Flexible Cables with Rubber Insulation, Unenclosed spaced