



XTREM H07RN-F

Flexible Power Cable for Heavy Duty Applications and Submersible Pumps

CONSTRUCTION

Conductors	Electrolytic annealed copper conductor Class 5 (Flexible) according to IEC 60228
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	0.6/1kV for fixed and flexible installations
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, 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

Submersible pumps in deep water installations (AD8), Water filtration and drinking water
Electric motors, CNC Machines, Industrial applications, Factories, mobile service & operation at maximum continuous performance
Robotics, windmills, Temporary site installations, heavy duty extension cords
Aquaculture, fish-farms, seafood industry, pond lighting. Marine application, Shipbuilding - DNV Approved

PACKAGING

Roll Lengths	1000M, 500M, 100M, Cut Lengths
Cable Marking	TOP CABLE Xtrem H07RN-F 450/750V 3G2,5 mm2 AENOR <HAR> IEC 60245 / DN-F 0.6/1 KV 3G2,5 mm2 UNE 21150 / 0.6/1 KV IEC 60092-353 TOP CABLE Xtrem H07RN-F 450/750 V 3G2.5 mm2 E-022-14-10764 CE DOP TC003 Eca MADE IN SPAIN 3624 2023YEAR 2797(Meter Marked)
	Meter Marked



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Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km)
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
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	3.08	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.