



XTREM Rubber SDI

H07RN-F DN-F Single Core Double Insulated Flex

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	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, De-mountables, Festivals, heavy duty extension cords
Aquaculture, fish-farms, seafood industry, pond lighting
Mining, oil & gas, hazardous gas and explosive environments. Marine, off-shore, ship to shore, shipbuilding, DNV approved

PACKAGING

Roll Lengths	500M, 100M, Cut Lengths
Cable Marking	TOP CABLE Xtrem H07RN-F 450/750V 1X50 mm2 AENOR <HAR> IEC 60245 / DN-F 0.6/1 KV 1X50 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 TCO03 Eca MADE IN SPAIN 3624 2023YEAR 0339 (Meter Marked)

Product code	Cross-section mm ²	Overall Diameter	Max amps *	Voltage drop (V/A -km)	Weight (kg/km)
HD1X16	1 X 16	11.2	110	2.68	775
HD1X25	1 X 25	13.0	147	1.73	1080
HD1X35	1 X 35	14.6	183	1.23	1610
HD1X50	1 X 50	17.0	231	0.86	2100
HD1X70	1 X 70	19.1	292	0.603	185
HD1X95	1 X 95	21.4	351	0.457	280
HD1X120	1 X 120	23.3	418	0.357	395

*Current Rating Capacity according to AS/NZS 3808 Flexible Cables with Rubber Insulation, Unenclosed spaced