

HO7RN-F CABLE

Application

CALTER' RUBBER Cables is a extreme weather, Oil & Grease, water resistant cable. Applicable for industrial and outdoor hanging and & extreme flexibility is required. The cable is particularly suitable for heavy industry, Oil & chemical industries as the rubber is Oil & Grease resistant, Fire resistant, Halogen free also used in turbines, Marine & submersible pumps



Construction

Conductor : Electrolytic Flexible Copper Class - 5 according to IEC 60228 (BARE & TINNED)

Insulation : Special formulated thermoplastic rubber

Sheath : Special formulated thermoplastic rubber compound

Colour Coding

RED, YELLOW, BLUE, BLACK, GREEN, GREY, BROWN, SPECIAL COLOURS AND DUAL COLOURS WITH LINING AVAILABLE

Technical Data

Halogen free	:	IEC 60754-1
Rated Voltage Uo/U (Um)	:	600 / 1000 V
Operating Temperature range	:	-20 C to +90 C
Max. Conductor temperature in service	:	90 C
Short-circuit max. conductor temperature	:	200 C
Gases Corrosivity	:	IEC 60754-2
Weather resistance	:	Excellent
UV Resistant	:	Yes
Flame retardent	:	IEC 60332 - 1
Mechanical, Abrasion, tear, notch, pressure resistant	:	Excellent
Oil & chemical resistant	:	Excellent

Nominal Cross Sectional Area	No of Strands	Diameter of Strand	Bare copper Resistance at	Tinned copper Resistance at	Nominal Overall Diameter	Nominal Weight
SQ MM		mm	20°C ohms/km	20°C ohms/km	mm	(Kg/Km)
1.00	32	0.20	19.50	20.00	4.50	35.00
1.50	30	0.25	13.30	13.70	4.80	40.70
2.50	50	0.25	7.98	8.21	5.00	52.90
4.00	56	0.30	4.95	5.09	6.90	72.70
6.00	84	0.30	3.30	3.39	7.10	104.00
10.0	80	0.40	1.91	1.95	8.10	152.00
16.0	126	0.40	1.21	1.24	9.20	217.00
25.0	196	0.40	0.780	0.795	10.90	322.00
35.0	276	0.40	0.554	0.565	12.30	430.00
50.0	396	0.40	0.386	0.393	14.30	596.00
70.0	360	0.50	0.272	0.277	16.60	807.00
95.0	476	0.50	0.206	0.210	19.10	1054.00
120.0	608	0.50	0.161	0.164	21.20	1345.00
150.0	756	0.50	0.129	0.132	23.40	1648.00
185.0	925	0.50	0.106	0.108	25.60	1992.00
240.0	1221	0.50	0.0801	0.0817	28.60	2567.00