

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 plain Copper Class - 5 according to IEC 60228
 Insulation : special formulated thermoplastic rubber
 Sheath : Special formulated thermoplastic rubber compound

Colour Coding

- 2 core - brown, blue
- 3 core - brown, blue, green/yellow
- 4 core - brown, blue, black, green/yellow
- 5 core - brown, blue, black, Black, green/yellow
- Sheath Colour: Black

Technical Data

- Halogen free : IEC 60754-1
- Rated Voltage U₀/U (Um) : 450 / 750 V
- Operating Temperature range : -40 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 Cores	No of Strands	Diameter of Strand	Resistance at 20°C	Nominal insulation thickness	Nominal Sheath thickness	Nominal Overall Diameter
sq mm			mm	ohms/km	mm	mm	mm
1.50	2	30	0.25	13.30	0.80	1.20	9.10
1.50	3	30	0.25	13.30	0.80	1.30	9.80
1.50	4	30	0.25	13.30	0.80	1.40	10.85
1.50	5	30	0.25	13.30	0.80	1.50	11.90
2.50	3	50	0.25	7.98	0.90	1.35	10.85
2.50	4	50	0.25	7.98	0.90	1.40	11.65
2.50	5	50	0.25	7.98	0.90	1.50	12.80
4.00	3	56	0.30	4.95	1.00	1.35	12.55
4.00	4	56	0.30	4.95	1.00	1.40	13.45
4.00	5	56	0.30	4.95	1.00	1.50	16.50
6.00	3	84	0.30	3.30	1.10	1.40	13.50
6.00	4	84	0.30	3.30	1.10	1.45	16.00
6.00	5	84	0.30	3.30	1.10	1.60	18.00
10.00	4	140	0.30	1.91	1.20	2.00	21.30
16.00	4	226	0.30	1.21	1.40	2.20	24.20
25.00	4	354	0.30	0.780	1.60	2.40	28.00
35.00	4	494	0.30	0.554	1.80	2.60	33.00
50.00	4	396	0.40	0.386	1.80	3.20	38.00