

HO7BQ-F CABLE



Application

CALTER' TPU Cables is a extreme mechanical, abrasion, tear, notch and wear resistant cable. Applicable where high wear, friction resistance & extreme bending is required. The cable is particularly suitable for food & wine industry as the polyurethane is microbe & hydrolysis resistant. Also used in Wind mills, Marine & submersible pumps

Construction

Conductor : Electrolytic Flexible plain Copper Class - 5 according to IEC 60228
 Insulation : Special EPR
 Sheath : PUR Halogen free Polyurethane compound type ether grade

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 : Yellow/Orange

Technical Data

Halogen free	:	IEC 60754-1
Rated Voltage U ₀ /U (Um)	:	0,6 / 1 kV
Operating Temperature range	:	-40 C to +90 C
Max. Conductor temperature in service	:	90 C
Short-circuit max. conductor temperature	:	250 C
Gases Corrosivity	:	IEC 60754-2
Smoke density	:	IEC 61034-2
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	3	30	0.25	13.30	0.70	0.90	9.50
1.50	4	30	0.25	13.30	0.70	1.00	10.50
1.50	5	30	0.25	13.30	0.70	1.00	11.50
2.50	3	50	0.25	7.98	0.80	1.00	11.00
2.50	4	50	0.25	7.98	0.80	1.10	12.50
2.50	5	50	0.25	7.98	0.80	1.20	13.50
4.00	3	56	0.30	4.95	0.80	1.20	13.00
4.00	4	56	0.30	4.95	0.80	1.40	14.00
4.00	5	56	0.30	4.95	0.80	1.40	16.00