

Control for Propulsion Systems

300/500V, 180°C

De- scription	Part No.	No. of Cond. (CDR)	Standard Lengths		Standard Unit Weight		Conductor (Stranding) Diameter Nom. DCR	Nominal Conductor OD		Shielding Material Nom. DCR	Nominal OD		Application
			ft.	m	lbs.	kg		AWG	Section mm ²		inch	mm	

180°C • 18 - 8 AWG • Stranded Tinned Copper • FEP Inner Sheath • Galvanized Steel Wire Braid

PTFE Insulation • Overall Clear FEP Jacket

GL 7334077 HH

Unshielded

In industrial areas with high temperature and increased mechanical stress, e.g.
 - Shipbuilding industry
 - Motor and turbine engineering
 - Mechanical engineering



Steel Wire Braid

SHO0001	2	3280	1000	156.5	71.0	(24x0.20) TC	18	0.75	0.284	6.30
SHO0002	3	3280	1000	194.0	88.0	(24x0.20) TC	18	0.75	0.260	6.60
SHO0003	5	3280	1000	291.0	132.0	(24x0.20) TC	18	0.75	0.287	7.30
SHO0004	2	3280	1000	191.8	87.0	(32x0.20) TC	17	1.00	0.256	6.50
SHO0005	3	3280	1000	262.3	119.0	(32x0.20) TC	17	1.00	0.268	6.80
SHO0006	4	3280	1000	286.6	130.0	(32x0.20) TC	17	1.00	0.287	7.30
SHO0007	2	3280	1000	218.3	99.0	(30x0.25) TC	16	1.50	0.280	7.10
SHO0008	3	3280	1000	269.0	122.0	(30x0.25) TC	16	1.50	0.291	7.40
SHO0009	4	3280	1000	310.8	141.0	(30x0.25) TC	16	1.50	0.315	8.00
SHO0010	5	3280	1000	379.2	172.0	(30x0.25) TC	16	1.50	0.339	8.60
SHO0011	7	3280	1000	474.0	215.0	(30x0.25) TC	16	1.50	0.366	9.30
SHO0012	12	3280	1000	868.6	394.0	(30x0.25) TC	16	1.50	0.465	11.80
SHO0013	2	3280	1000	328.5	149.0	(50x0.25) TC	14	2.50	0.327	8.30
SHO0014	3	3280	1000	432.1	196.0	(50x0.25) TC	14	2.50	0.343	8.70
SHO0015	4	3280	1000	540.1	245.0	(50x0.25) TC	14	2.50	0.370	9.40
SHO0016	5	3280	1000	665.8	302.0	(50x0.25) TC	14	2.50	0.406	10.30
SHO0017	7	3280	1000	806.9	366.0	(50x0.25) TC	14	2.50	0.437	11.10
SHO0018	2	3280	1000	487.2	221.0	(56x0.30) TC	12	4	0.394	10.00
SHO0019	3	3280	1000	634.9	288.0	(56x0.30) TC	12	4	0.413	10.50
SHO0020	4	3280	1000	787.0	357.0	(56x0.30) TC	12	4	0.449	11.40
SHO0021	5	3280	1000	1018.5	462.0	(56x0.30) TC	12	4	0.488	12.40
SHO0022	2	3280	1000	608.5	276.0	(84x0.30) TC	10	6	0.492	12.50
SHO0023	3	3280	1000	840.0	381.0	(84x0.30) TC	10	6	0.520	13.20
SHO0024	4	3280	1000	1036.2	470.0	(84x0.30) TC	10	6	0.563	14.30
SHO0025	2	3280	1000	877.4	398.0	(80x0.40) TC	8	10	0.602	15.30
SHO0026	3	3280	1000	1212.5	550.0	(80x0.40) TC	8	10	0.638	16.20
SHO0027	4	3280	1000	1538.8	698.0	(80x0.40) TC	8	10	0.697	17.70

TC = Tinned Copper • DCR = DC resistance