

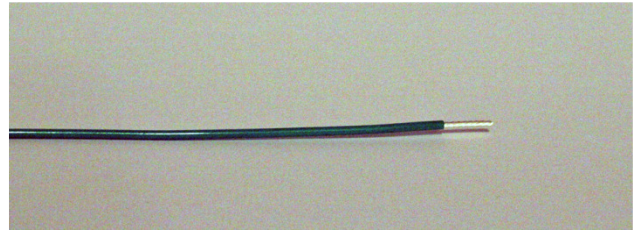
DESCAFLEX PTFE-200 MIL-W-22759/11

AWG 28 - AWG 8

Stranded wires Teflon PTFE MIL-W-22759/11 (SAE AS22759) 200°C 600 V

Application

Stranded wire in the aerospace and military technology, etc. and in an environment that demands high electrical, thermal and mechanical performances.



Construction

Conductor 7-strands respectively 19-strands (AWG 10 37-strands, AWG 8 133-strands), silver plated copper
Insulation Teflon PTFE

Special features

The stranded wires have an excellent resistance to chemicals, oil and gasoline. The behavior against environmental influences such as ozone, UV radiation, humidity and high temperature fluctuations is excellent. The stranded wires are non-flammable and environmentally neutral.

Cross section AWG	Overall-Ø ca. mm	Copper kg/km	Weight kg/km
28/7	0.84	0.90	1.80
26/19	0.96	1.40	2.50
24/19	1.09	2.20	3.60
22/19	1.25	3.40	4.90
20/19	1.47	6.00	7.60
18/19	1.73	8.30	11.20
16/19	1.90	13.00	14.30
14/19	2.30	21.00	22.00
12/19	2.82	33.00	35.00
10/37	3.53	51.00	67.00
8/133	5.13	83.00	88.00

Technical Properties

Operating voltage 600 V
Temperature range - 55°C ... + 200°C
Minimum bending radius 6 x outer diameter

Standards / Approvals

MIL-W-22759/11
SAE AS22759/11

Packaging	Lengths
Spools	152 m, 305 m or different
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Colour code see next page

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AWG	black	blue	gn-ye	brown	grey	red	white	green	orange	violet	yellow	rose
28/7	153100	153101	153102	153103	153104	153106	153107	153108	153109	153110	153111	153112
26/19	153115	153116	153117	153118	153119	153121	153122	153123	153124	153125	153126	153127
24/19	153130	153131	153132	153133	153134	153136	153137	153138	153139	153140	153141	153142
22/19	153145	153146	153147	153148	153149	153151	153152	153153	153154	153155	153156	153157
20/19	153160	153161	153162	153163	153164	153166	153167	153168	153169	153170	153171	153172
18/19	153175	153176	153177	153178	153179	153181	153182	153183	153184	153185	153186	153187
16/19	153190	153191	153192	153193	153194	153196	153197	153198	153199	153200	153201	153202
14/19	153205	153206	153207	153208	153209	153211	153212	153213	153214	153215	153216	153217
12/19	153220	153221	153222	153223	153224	153226	153227	153228	153229	153230	153231	153232
10/37	153235	153236	153237	153238	153239	153241	153242	153243	153244	153245	153246	153247
8/133	153250	153251	153252	153253	153254	153256	153257	153258	153259	153260	153261	153262