



High Temperature PTFE Cable



Product application:

Equipment wire for high performance aerospace applications. PTFE wires are used in severe environmental conditions.

Product characteristic:

Construction:

- Stranded silver or nickel plated copper conductor
- Polytetrafluoroethylene insulation
- Sheath colour: Black, Blue, Brown, Red, White, Grey, Violet, Pink, Orange, Yellow, Green/Yellow to BS 3G Z10

Technical:

- Temperature Rating: -75°C to +190°C
- Minimum Bending Radius: 6 x overall diameter
- Voltage Working: Type A 300V Test 2500V
Type B 600V Test 3400V
Type C 1000V Test 5000V
- Colour code confirms to BS 3G Z10

Properties:

- Good resistance to oils, fuels and fluids
- Heat resistance
- voltage ratings are conforming to American MIL, VDE, DIN, BS, or Lloyd's standards



High Temperature PTFE Cables

www.caledonian-cables.co.uk

Product specification:

AWG	Strand x Diameter mm	Conductor Cross Section mm ²	Voltage Grade	O/D mm min - max	Gross Weight kg/km
30	7/0.10	0.056	A	0.50-0.65	1.1
28	7/0.12	0.089	A	0.56-0.71	1.4
28	7/0.12	0.089	B	0.76-0.96	2.1
26	7/0.15	0.14	A	0.65-0.80	1.1
26	7/0.15	0.14	B	0.85-1.05	3.09
24	7/0.20	0.22	A	0.80-0.95	3.04
24	7/0.20	0.22	B	1.00-1.20	3.89
24	7/0.20	0.22	C	1.26-1.52	4.64
22	19/0.15	0.35	A	0.95-1.10	4.41
22	19/0.15	0.35	B	1.15-1.35	5.44
22	19/0.15	0.35	C	1.41-1.67	6.43
20	19/0.20	0.61	A	1.20-1.35	7.19
20	19/0.20	0.61	B	1.40-1.60	8.43
20	19/0.20	0.61	C	1.66-1.92	9.08
18	19/0.25	0.96	B	1.65-1.85	12.1
18	19/0.25	0.96	C	1.91-2.17	14.3
16	19/0.30	1.23	C	2.16-2.46	16.5
14	19/0.36	1.94	C	2.34-2.74	23.9
12	19/0.45	3.08	C	2.91-3.31	38.5
10	37/0.40	4.65	C	3.46-3.86	56.0