



FLUOROPOLYMER INSULATED WIRE & CABLES FOR HIGH TEMPERATURE APPLICATION



Application Aircraft & aerospace vehicle wiring, nuclear power plants, oil exploration & oil rigs, military & defence requirements

Specification MIL 16878, MIL 22759 or customer's requirement.

	CONSTRUCTION	TECHNICAL DATA	
Conductor	Solid/Stranded Tinned or Silver or Nickel plated Copper. Sizes as per specification or customer's requirement	Voltage Grade	250 V, 600 V & 1000 V
Insulation	Extruded ETFE/FEP/PTFE Tape wrapped & sintered (only silver plated copper is used for PTFE cables) Thickness as per relevant type of cables & specification	Max. Operating Temperature	ETFE - 150°C FEP - 200°C PTFE - 250°C
Assembly	Required no. of cores or pairs	Max. DC Resistance of conductor/100 meters at 20°C	See Table below
Shielding	By Aluminium mylar tape or braiding (PTFE insulated cables are only braid screened with silver plated copper with 90% coverage)	Insulation Resistance at 20°C (Mohm/Km)	As per type of cables in relevant specifications.
		Dielectric Strength (KV RMS/Minute)	As per type of cables in relevant specifications.

Max. DC Resistance of conductor/100 meters at 20°C in ohms

	TIN COATED	SILVER COATED	NICKEL COATED
28 AWG (7/0.127 mm)	22.5	20.9	22.3
26 AWG (7/0.16 mm) (19/0.102 mm)	14.1 13.6	13.1 12.6	14.4 13.9
24 AWG (7/0.203 mm) (19/0.127 mm)	8.79 8.60	8.17 7.97	8.69 8.50
22 AWG (7/0.254 mm) (19/0.16 mm)	5.48 5.31	5.12 4.95	5.41 5.25
20 AWG (7/0.32 mm) (19/0.203 mm)	3.44 3.24	3.21 3.02	3.41 3.21

Packing

As required by the customer.

NOTE:-

The given picture of the product may differ to its actual in construction/colour.



Delton Cables Limited
Delton House, 4801, Bharat Ram Road 24, Darya Ganj, New Delhi-110002, INDIA
Tel.: ++91-11-23273905-07 Fax: +91-11-23280375, 23272178
Website: <http://www.deltoncables.com>
E-mail: dcl@deltoncables.com