

1. Scope

This specification covers micro wire for medical equipment.

2. Construction and Material

Item		Unit	Specified Value
Conductor	AWG Size	-	26AWG
	Material	-	Tinned copper wire
	Stranding	No./mm	49/0.06
Insulation	Material	-	FEP
	Color	-	TBD
	Thickness	mm	0.08
	Diameter	mm	0.70 ± 0.04

3. Electrical Properties

Item	Unit	Specified Value
Conductor Resistance (@ 20°C)	Ω/km	Max. 190
Insulation resistance (@ 20°C)	$\text{M}\Omega \cdot \text{km}$	Min. 1,000
Dielectric Strength	-	To withstand A.C. 500V for 1min
Capacitance (@ 1kHz)	pF/m	NA
Impedance (@ TDR)	Ω	NA

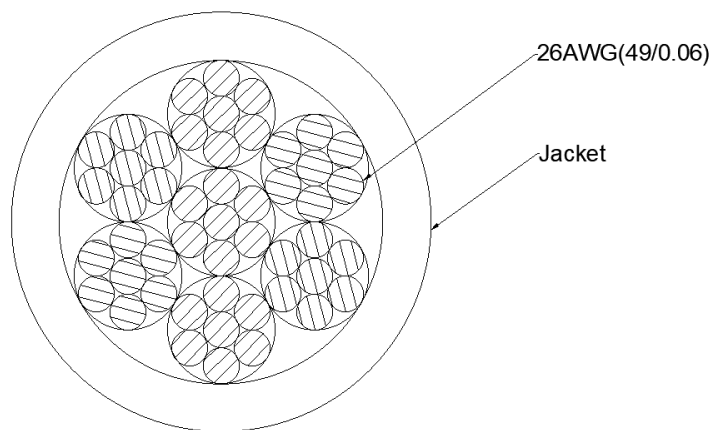


Fig.1 Cross section of wire