

This specification covers multi wire and coax for medical equipment.

Item		Unit	Specified Value						
Core Number		-	1	1	8	15			
Conductor	AWG Size	-	28AWG			24AWG			
	Material	-	Tinned copper						
	Stranding	No./mm	19/0.08			37/0.08			
Insulation	Material	-	FEP						
	Color	-	Nature		See Table1				
	Diameter	mm	1.23	1.23	0.64	0.85			
Spiral Shield	Type	-	Wrap	Wrap	See Fig.1	See Fig.1			
	Material	-	Tinned copper						
Covering 1	Material	-	FEP						
	Color	-	White						
	Diameter	mm	1.57	1.57					
Spiral Shield	Type	-	Wrap	See Fig.1			See Fig.1		
	Material	-	Tinned copper						
Covering 2	Material	-	FEP(Color: Black)						
	Diameter	mm	1.89						
Twisting	Construction	-	See Fig.1					See Fig.1	
	Tape	-			PET Tape				
Cabling	Construction	-			See Fig.1				
	Tape	-			PTFE				
Braid Shield	Material	-			Tinned copper				
	Coverage	%			Nom.85				
Jacket	Material	-		Medical PVC(Color: According to customer)					
	Thickness	mm		1.00					
	Diameter	mm		8.00±0.25					

Conductor Resistance (@ 20°C)	Ω/km	Max. 210	Max.104
Insulation resistance (@ 20°C)	MΩ-km	Min. 1,000	
Dielectric Strength ¹⁾	-	To withstand A.C. 500V for 1min	
Impedance (@ TDR)	Ω	Nom. 50	-

