

2x0.2mm² Flat Medical Electrode Connected Cable



PRODUCT DATA SHEET

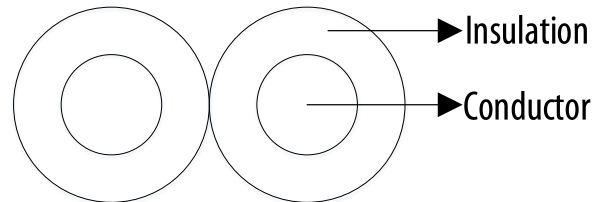
0.2mm² 2 cores flexible tinned copper wire with medical rating Polyvinyl Chloride insulation material, it is used for 300 voltage electrode connected cable application.

Design Number 10811
Part Number 32180288
Customer Number N/A

CONSTRUCTION

Conductor: Stranded tinned copper
Conductor Size: 0.2mm²(14/0.145mm)
Conductor Diameter: 0.64mm (Nom.)
Insulation Material: Medical Rating Polyvinyl Chloride(70A)
Avg. Thickness: 0.90mm (Nom.)
Insulated Diameter: 2.50±0.05/5.0±0.10mm
Insulation Color: Grey

Print Legend: No



ELECTRICAL&PHYSICAL CHARACTERISTICS

Operating Temperature (°C): -20°C to +80°C
Operating Voltage: 300V
Conductor DC Resistance@20°C: Max 89.4 Ω/km
Dielectric Test: AC 3.0 kV/min
Spark Test: DC 3kV/sec
Conductor Carry Ampacity: Max 0.921A
Continuity Test: 100% Pass (no breakdown, no short circuit, no leakage)
Insulation Elongation: Min 150% (Before aging)
Thermal Shock(90°C x1H): No deformation, no brittle
Insulation Density: Max 1.45g/cm³

SAFETY CHARACTERISTICS

Reference Standard: ISO-13485
RoHS Compliant

Application: Medical Electrode Connection

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Revision History		
00	2023/06/19	Initial release
01	2023/10/25	The tolerance is updated
Created L. Jian	Approved A. Huang	

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